SCOTT AVIATION • A FIGGIE INTERNATIONAL COMPANY
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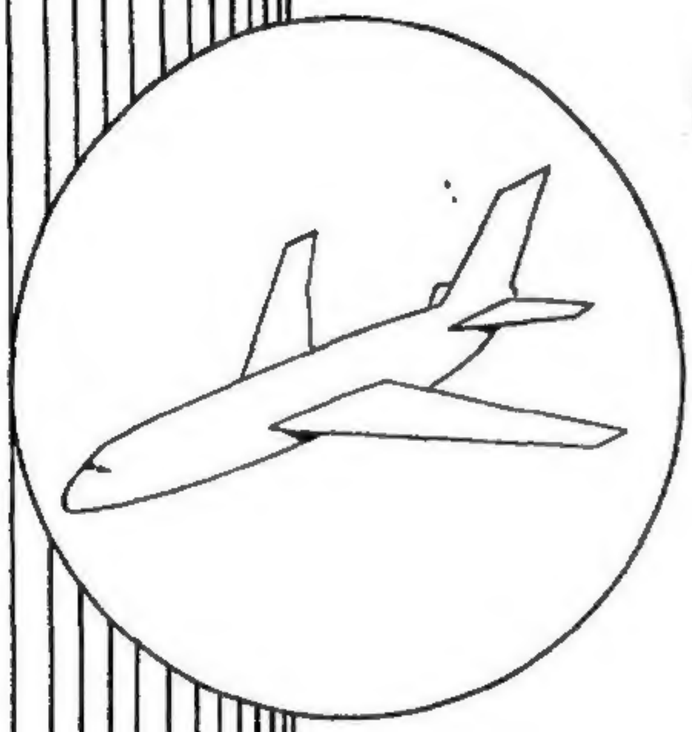
Component Maintenance Manual with Illustrated Parts List



PASSENGER OXYGEN MASK ASSEMBLIES

289-701 SERIES

35-21-88
SEPT 1/88

RECORD OF REVISIONS

REVISION NUMBER	REVISION DATE	DATE FILED	BY	REVISION NUMBER	REVISION DATE	DATE FILED	BY

RECORD OF TEMPORARY REVISIONS

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SERVICE BULLETIN LIST

SERVICE BULLETIN	ISSUE DATE	DATE INCORPORATED	BY	SERVICE BULLETIN	ISSUE DATE	DATE INCORPORATED	BY

TABLE OF CONTENTS

INTRODUCTION

1. Scope

This Component Maintenance Manual (CMM) contains operation and maintenance procedures and lists spare parts for the 289-701 series Passenger Oxygen Masks, manufactured by Scott Aviation, Sierra Madre, California. This CMM is formatted in accordance with ATA 100, Revision 25.

2. Product Support Services

Product support services for the oxygen masks are provided by Scott Aviation. These services include repair and overhaul, spares provisioning, and sustaining engineering. Please direct all inquiries to:

SCOTT AVIATION	Telephone: (818) 355-4281
123 East Montecito Avenue	TELEX: 67-5404
Sierra Madre, California 91024	FAX: (818) 355-7911

3. Usage Guide

A. From the Table of Contents select by page number the operation desired.

(1) **Description and Operation** provides a complete description of the end item and its major components, a list of leading particulars (including dimensions and weight), and operating instructions.

(2) **Testing and Fault Isolation** contains functional test procedures to determine if the end item is working properly. Fault isolation procedures, designed as an integral part of the functional tests, identify defective components and specify corrective actions needed to restore the end item to serviceable condition.

(3) **Disassembly** and **Assembly** contain procedures to disassemble the end item to the detail part level and to reassemble it after repair or part replacement.

(4) **Cleaning** contains approved cleaning procedures.

(5) **Check** and **Repair** contain procedures to check parts for excessive wear, corrosion and other defects, and then to refinish and refurbish parts to serviceable condition.

(8) **Fits and Clearances** lists wear limits and torque values.

(9) **Special Tools, Fixtures and Equipment** describes the tools, fixtures and equipment recommended for use in other sections of the CMM.

(10) **Illustrated Parts List** lists information required to order spare parts, including part numbers, nomenclature and sources. Exploded-view drawings keyed to the parts lists, and a numerical index, are provided to help locate and identify parts.

B. Each section includes a listing of required materials and equipment. Contact the listed sources to procure items or, if authorized, use equivalent items.

4. Verification Dates

Procedure	Date
Testing/Fault Isolation	15 February 1988
Disassembly	15 February 1988
Assembly	15 February 1988

5. Revision Service

A. Revised pages will be issued when necessary throughout the service life of the components. A new List of Effective Pages, with the revised pages identified by date, will also be provided to help you update your manual.

B. To provide a rapid and convenient means of calling attention to errors or temporary instructions, temporary revision pages will be issued between revisions when necessary. These pages will apply to one subject only and will be keyed to this manual so that they may be inserted adjacent to the affected pages.

6. Abbreviations and Unit Symbols

Abbreviations and unit symbols used in this manual are listed below. Note that unless otherwise specified, all weights and measurements are listed first in English standard units, followed by their metric equivalent in parentheses.

Assy	Assembly
ATA	Air Transport Association
CFM	Cubic Feet per Minute
cm	centimeter (1 cm = 0.394 inch)
CMM	Component Maintenance Manual
EFF	Effectivity
Fig.	Figure
FSCM	Federal Supply Code for Manufacturer
ft	feet
HD	Head
ID	Inside Diameter
in^3	cubic inches
IPL	Illustrated Parts List
lb_f	pound-force
LPM	Liter Per Minute
m	meter (1 m = 39.4 inches)
N	Newton (1 N = 0.225 lb_f)
NHA	Next Higher Assembly
RF	Reference
SB	Service Bulletin
scc	standard cubic centimeter

DESCRIPTION AND OPERATION

1. Purpose

The 289-701 series Passenger Oxygen Masks supply oxygen to aircraft passengers and flight attendants during emergency decompression of the aircraft.

2. Specifications

The mask assemblies conform to customer specifications, as listed in IPL Figures 1 through 3.

3. Installation

The mask assemblies are installed in passenger service units, attendant stations and lavatories throughout the aircraft. The masks are automatically released for use when increased oxygen pressure or an electrical signal is applied to the deployment container.

4. Major Components (Figure 1)

A. Each mask assembly consists of a bag & tube assembly, headstrap assembly, and mask & valve assembly.

B. The bag & tube assembly includes, as a minimum, a reservoir bag, retaining ring and oxygen tubing. Some mask configurations also include an end fitting, anti-kink spring, and/or flow indicator. With exception of the end fitting, these components are bonded together and are not intended to be disassembled.

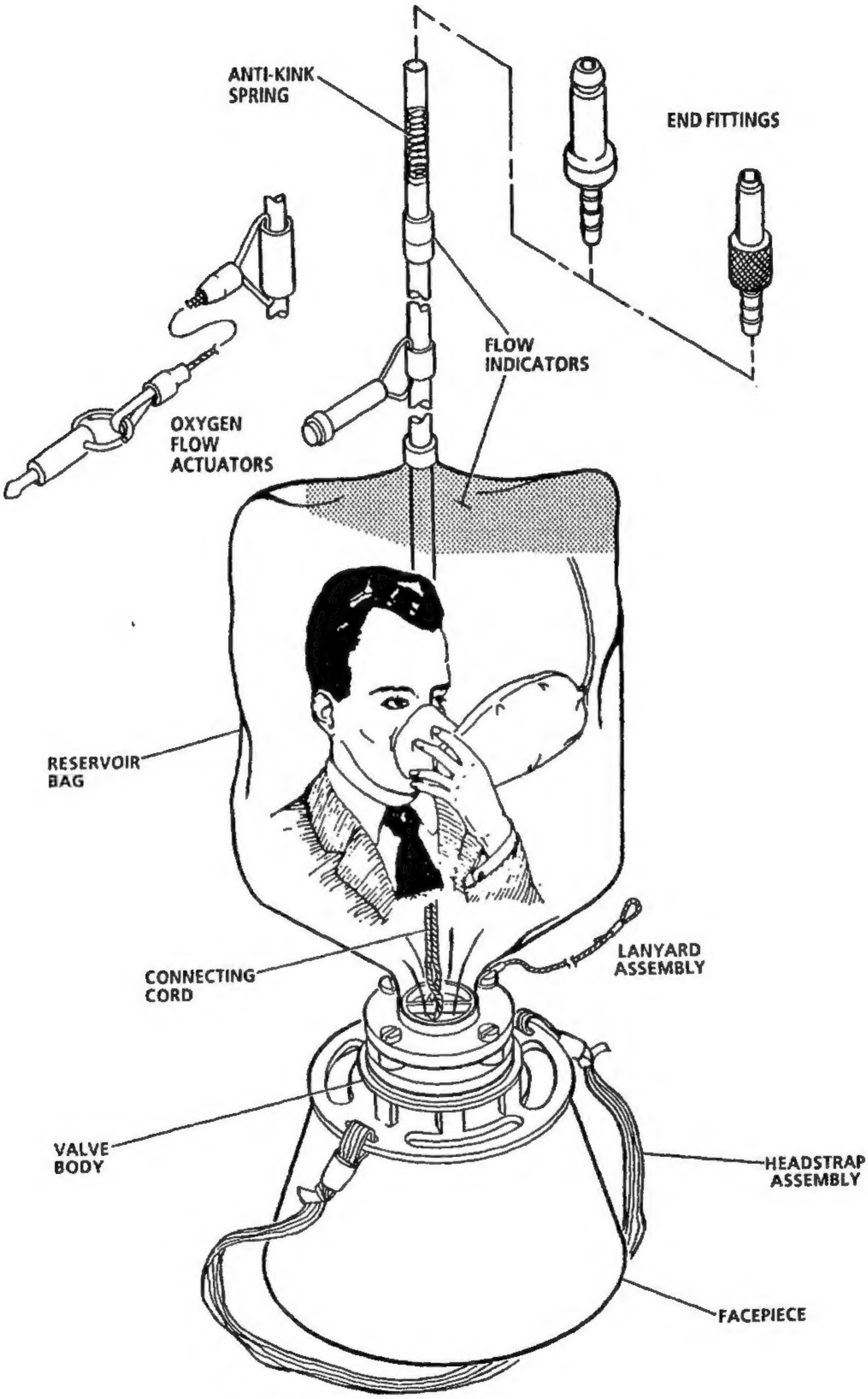
(1) The reservoir bag is secured to the mask & valve assembly. A cord tied between the end of the oxygen tube (inside the bag) and inhalation base prevents stretching or ripping of the bag when the mask is used.

(2) The clear, flexible tube transports oxygen from the oxygen supply to the bag. Some mask configurations may include a spring to prevent kinking of the tube and/or male end fitting to connect the tube to the oxygen supply.

(3) Some reservoir bags have built-in flow indicators which inflate when oxygen flows into the bag. The indicator area is shaded green for easy recognition. Other mask configurations have flow indicators in the oxygen line which change color from red to green in the presence of oxygen. Diagrammed on the bag are donning instructions and identification markings.

(4) The length of the oxygen tube differs between the various bag & tube assemblies used in the 289-701 series masks.

C. The headstrap assembly consists of an elastic strap and two teflon tubes. The strap is adjustable to ensure a secure and comfortable fit while holding the mask assembly against the user's face. The elastic strap is tied to brackets on the exhalation port at either side of the facepiece.



Major Components of the 289-701 Series Oxygen Masks
Figure 1

D. Three different mask & valve assemblies are used in the 289-701 series masks.

(1) The 289-716 mask & valve assembly consists of a facepiece sandwiched between three sonically welded parts: back-up ring, exhalation port, and valve body holder. Installed inside the valve holder are inhalation and exhalation flappers. An inhalation base is attached to these parts by four screws.

(2) The 289-716-2 and 289-716-3 assemblies are identical to the basic configuration, except that they each include a lanyard which actuates the oxygen supply outlet valve to start oxygen flowing to the mask. The lanyards are attached to the valve body under one of the four screws attaching the inhalation base to the valve body .

(3) The breathing valves are constructed of rigid plastic with silicone rubber flappers.

(4) The facepiece is made of bright yellow silicone rubber for immediate identification. The soft, easily cleanable face seal provides a secure seal around the user's nose and mouth.

5. Operation.

A. Each mask has two operational modes - stowed and deployed. In the stowed mode, the mask is packed into a deployment container in a bulkhead or other panel near the passenger seat. Since the mask is intended to be used only in emergencies, it may remain in the stowed position throughout its service life.

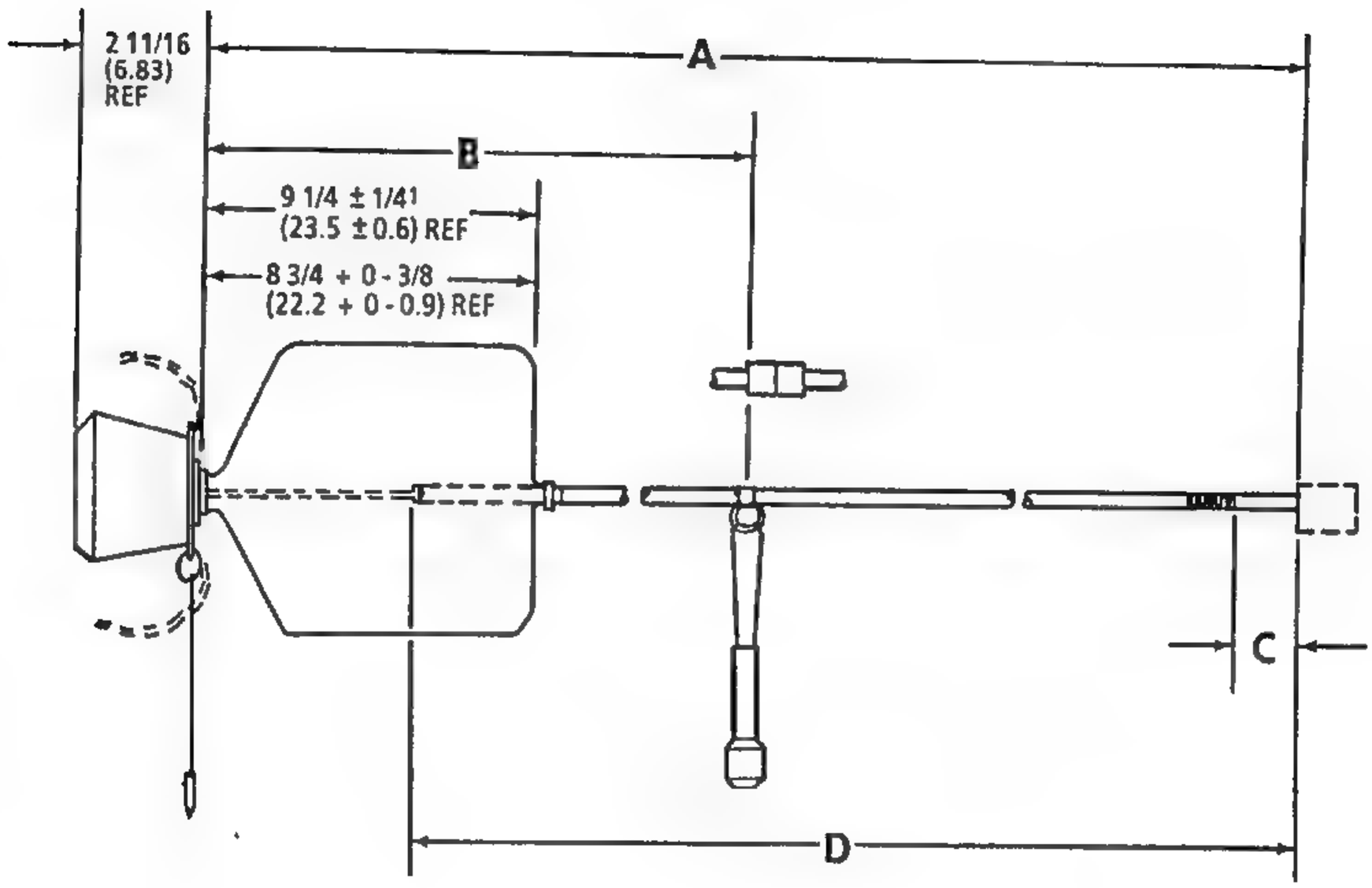
B. The mask is automatically deployed for passenger use when the cabin pressure falls below a preset threshold value. In this deployed mode, the mask facepiece is placed over the passenger's nose and mouth and held in place by hand or by the elastic headstrap provided.

C. Each mask assembly functions as a modified, continuous-flow system. Metered oxygen flows through the delivery tube and into the reservoir bag. Several mask configurations have a flow indicator in the delivery tube which changes color from red to green to indicate oxygen flow. Others have a "flow indicator" (green) area of the reservoir bag which inflates to indicate that oxygen is entering the bag.

D. During inhalation, the user draws oxygen from the reservoir bag through the inhalation valve. When the user exhales, the inlet-check valve closes and the exhalation valve opens allowing the expelled air to exit the facepiece. The reservoir bag stores oxygen for the next cycle while the user is exhaling.

6. Leading Particulars

Mask assembly dimensions are listed in Figure 2 for each configuration in the 289-701 series. Other leading particulars are listed in Figure 3.



Part Number	Dimensions In Inches (cm)			
	A	B	C	D
289-701-1	48 ± 1/2 (121.9 ± 1.2)	12 ± 1/2 (30.5 ± 1.2)		42 1/2 ± 1/2 (108.0 ± 1.2)
289-701-2	53 ± 1 (134.6 ± 2.5)	25 ± 1/2 (63.5 ± 1.2)		47 1/2 ± 1/2 (120.7 ± 1.2)
289-701-3	60 ± 1/2 (152.4 ± 1.2)	34 1/2 ± 1/2 (87.6 ± 1.2)		54 1/2 ± 1/2 (138.4 ± 1.2)
289-701-4	58 1/4 ± 1 (148.0 ± 2.5)	27 1/4 ± 1/2 (69.2 ± 1.2)		52 3/4 ± 1/2 (134.0 ± 1.2)
289-701-5	48 ± 1/2 (121.9 ± 1.2)	19 ± 1/2 (48.3 ± 1.2)		42 1/2 ± 1/2 (108.0 ± 1.2)
289-701-6	48 ± 1/2 (121.9 ± 1.2)	26 ± 1/2 (66.0 ± 1.2)		42 1/2 ± 1/2 (108.0 ± 1.2)
289-701-7	70 ± 1/2 (177.8 ± 1.2)	55 ± 1/2 (139.7 ± 1.2)		64 1/2 ± 1/2 (163.8 ± 1.2)

[1] 289-701-85 and -86 only

Mask Assembly Dimensions
Figure 2 (Sheet 1 of 10)

Part Number	Dimensions In Inches (cm)			
	A	B	C	D
289-701-8	60 ± 1/2 (152.4 ± 1.2)	45 ± 1/2 (114.3 ± 1.2)		54 1/2 ± 1/2 (138.4 ± 1.2)
289-701-9	66 1/4 ± 1 (168.3 ± 2.5)	27 1/4 ± 1/2 (69.2 ± 1.2)		60 3/4 ± 1/2 (154.3 ± 1.2)
289-701-10	66 1/4 ± 1 (168.3 ± 2.5)	29 ± 1/2 (73.7 ± 1.2)		60 3/4 ± 1/2 (154.3 ± 1.2)
289-701-11	50 ± 1 (127.0 ± 2.5)	21 1/8 ± 1/4 (68.9 ± 0.6)		44 1/2 ± 1/2 (113.0 ± 1.2)
289-701-12	55 ± 1 (139.7 ± 2.5)	18 1/8 ± 1/4 (46.0 ± 0.6)		49 1/2 ± 1/2 (125.7 ± 1.2)
289-701-13	57 ± 1 (144.8 ± 2.5)	19 5/8 ± 1/4 (49.8 ± 0.6)		51 1/2 ± 1/2 (130.8 ± 1.2)
289-701-14	67 ± 1 (170.2 ± 2.5)	31 1/2 ± 1/2 (80.0 ± 1.2)		61 1/2 ± 1/2 (156.2 ± 1.2)
289-701-15	67 ± 1 (170.2 ± 2.5)	36 1/8 ± 7/16 (91.8 ± 1.1)		61 1/2 ± 1/2 (156.2 ± 1.2)
289-701-16	72 ± 1 (182.9 ± 2.5)	33 7/8 ± 7/16 (86.0 ± 1.1)		66 1/2 ± 1/2 (168.9 ± 1.2)
289-701-17	84 3/4 ± 1 (215.3 ± 2.5)	45 3/4 ± 1/4 (116.2 ± 0.6)		79 1/4 ± 1/2 (201.3 ± 1.2)
289-701-18	83 ± 1 (210.8 ± 2.5)	40 ± 1/4 (101.6 ± 0.6)		77 1/2 ± 1/2 (196.9 ± 1.2)
289-701-19	54 ± 1 (137.2 ± 2.5)	26 ± 1/2 (66.0 ± 1.2)		48 1/2 ± 1/2 (123.2 ± 1.2)
289-701-20	54 ± 1 (137.2 ± 2.5)	19 ± 1/2 (48.3 ± 1.2)		48 1/2 ± 1/2 (123.2 ± 1.2)
289-701-21	54 ± 1 (137.2 ± 2.5)	12 ± 1/4 (30.5 ± 0.6)		48 1/2 ± 1/2 (123.2 ± 1.2)
289-701-22	67 ± 1 (170.2 ± 2.5)	38 ± 1/2 (96.5 ± 1.2)		61 1/2 ± 1/2 (156.2 ± 1.2)

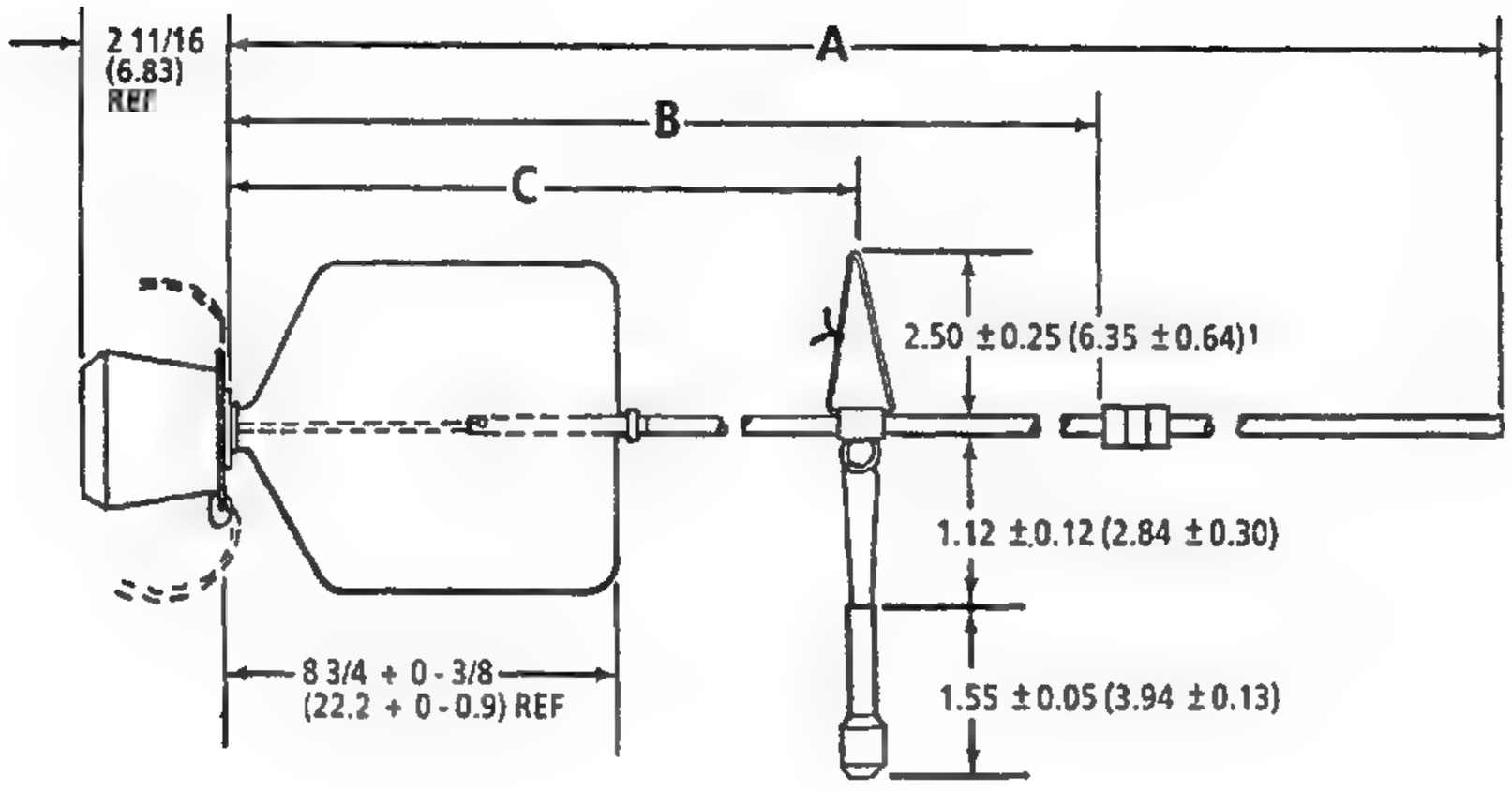
Mask Assembly Dimensions
Figure 2 (Sheet 2 of 10)

Part Number	Dimensions in Inches (cm)			
	A	B	C	D
289-701-23	51 1/4 ± 1 (130.2 ± 2.5)		5/8 ± 1/16 (1.6 ± 0.2)	45 3/4 ± 1/2 (116.2 ± 1.2)
289-701-24	48 ± 1 (121.9 ± 2.5)	12 ± 1/2 (30.5 ± 1.2)	5/8 ± 1/16 (1.6 ± 0.2)	42 1/2 ± 1/2 (108.0 ± 1.2)
289-701-26	53 ± 1 (134.6 ± 2.5)	23 ± 1/2 (58.4 ± 1.2)		47 1/2 ± 1/2 (120.7 ± 1.2)
289-701-27	48 ± 1 (121.9 ± 2.5)	12 ± 1/2 (30.5 ± 1.2)		42 1/2 ± 1/2 (108.0 ± 1.2)
289-701-27-1	48 ± 1 (121.9 ± 2.5)	12 ± 1/2 (30.5 ± 1.2)		42 1/2 ± 1/2 (108.0 ± 1.2)
289-701-28	48 ± 1 (121.9 ± 2.5)			42 1/2 ± 1/2 (108.0 ± 1.2)
289-701-29	44 3/4 ± 1 (113.7 ± 2.5)		1 3/4 ± 1/16 (4.4 ± 0.2)	39 1/4 ± 1/2 (99.7 ± 1.2)
289-701-30	64 ± 1 (160.0 ± 2.5)	25 ± 1/2 (63.5 ± 1.2)		58 1/2 ± 1/2 (148.6 ± 1.2)
289-701-31	62 ± 1 (157.5 ± 2.5)	23 ± 1/2 (58.4 ± 1.2)		56 1/2 ± 1/2 (143.5 ± 1.2)
289-701-32	60 ± 1 (152.4 ± 2.5)	19 1/2 ± 1/2 (49.5 ± 1.2)		54 1/2 ± 1/2 (138.4 ± 1.2)
289-701-33	56 ± 1 (142.2 ± 2.5)	14 13/16 ± 1/2 (37.6 ± 1.2)		50 1/2 ± 1/2 (128.3 ± 1.2)
289-701-34	62 ± 1 (157.5 ± 2.5)	12 ± 1/2 (30.5 ± 1.2)		56 1/2 ± 1/2 (143.5 ± 1.2)
289-701-35	60 ± 1/2 (152.4 ± 1.2)			54 1/2 ± 1/2 (138.4 ± 1.2)
289-701-36	75 ± 1/2 (190.5 ± 1.2)	20 ± 1/2 (50.8 ± 1.2)		69 1/2 ± 1/2 (176.5 ± 1.2)
289-701-37	61 9/16 ± 1 (156.4 ± 2.5)	16 7/8 ± 1/2 (42.9 ± 1.2)		56 1/16 ± 1/2 (142.4 ± 1.2)

Mask Assembly Dimensions
Figure 2 (Sheet 3 of 10)

Part Number	Dimensions In Inches (cm)			
	A	B	C	D
289-701-38	48 ± 1 (121.9 ± 2.5)	12 ± 1/2 (30.5 ± 1.2)		42 1/2 ± 1/2 (108.0 ± 1.2)
289-701-39	60 ± 1/2 (152.4 ± 1.2)	12 ± 1/2 (30.5 ± 1.2)		54 1/2 ± 1/2 (138.4 ± 1.2)
289-701-40	48 ± 1 (121.9 ± 2.5)			42 1/2 ± 1/2 (108.0 ± 1.2)
289-701-45	60 ± 1/2 (152.4 ± 1.2)		5/8 ± 1/16 (1.6 ± 0.2)	54 1/2 ± 1/2 (138.4 ± 1.2)
289-701-85	46 ± 1 (116.8 ± 2.5)	10 1/4 ± 1/16 (26.0 ± 0.2)	5/8 ± 1/16 (1.6 ± 0.2)	40 1/2 ± 1/2 (102.9 ± 1.2)
289-701-86	46 ± 1 (116.8 ± 2.5)		5/8 ± 1/16 (1.6 ± 0.2)	40 1/2 ± 1/2 (102.9 ± 1.2)

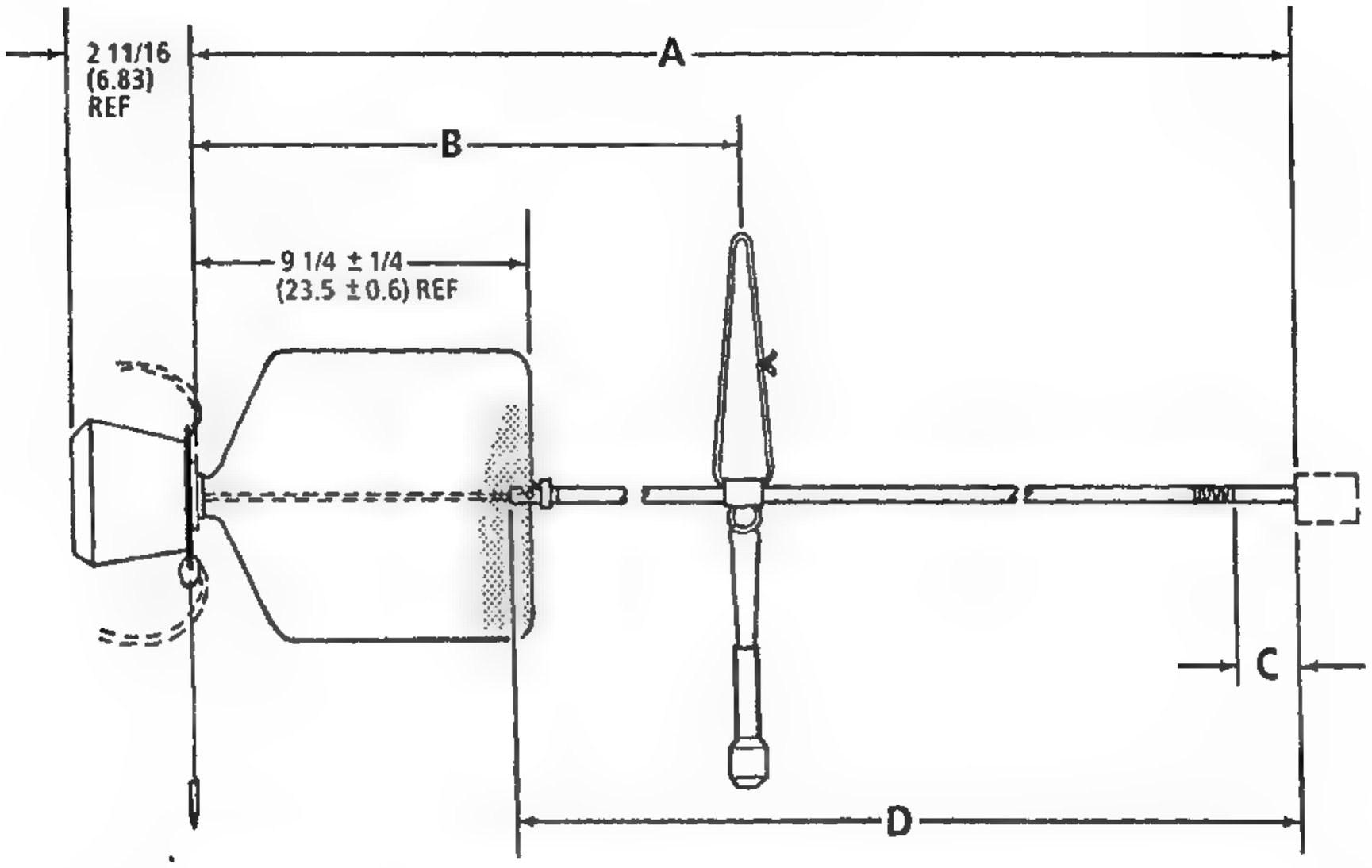
Mask Assembly Dimensions
Figure 2 (Sheet 4 of 10)



Part Number	Dimensions In Inches (cm)		
	A	B	C
289-701-100	48 ± 1 (121.9 ± 2.5)	26 ± 1/2 (66.0 ± 1.2)	12 ± 1/2 (30.5 ± 1.2)
289-701-101	48 ± 1 (121.9 ± 2.5)	37 ± 1/2 (94.0 ± 1.2)	26 ± 1/2 (66.0 ± 1.2)
289-701-102	48 ± 1 (121.9 ± 2.5)	26 ± 1/2 (66.0 ± 1.2)	12 ± 1/2 (30.5 ± 1.2)
289-701-103	48 ± 1 (121.9 ± 2.5)	26 ± 1/2 (66.0 ± 1.2)	12 ± 1/2 (30.5 ± 1.2)
289-701-104	48 ± 1 (121.9 ± 2.5)	37 ± 1/2 (94.0 ± 1.2)	26 ± 1/2 (66.0 ± 1.2)
289-701-105	48 ± 1 (121.9 ± 2.5)	26 ± 1/2 (66.0 ± 1.2)	12 ± 1/2 (30.5 ± 1.2)

[1] 289-701-105 only.

Mask Assembly Dimensions
Figure 2 (Sheet 5 of 10)



Part Number	Dimensions In Inches (cm)			
	A	B	C	D
289-701-201	48 ± 1 (121.9 ± 2.5)	12 ± 1/2 (30.5 ± 1.2)		39 ± 1/2 (99.1 ± 1.2)
289-701-202	53 ± 1 (134.6 ± 2.5)	25 ± 1/2 (63.5 ± 1.2)		44 ± 1/2 (111.8 ± 1.2)
289-701-203	60 ± 1 (152.4 ± 2.5)	34 1/2 ± 1/2 (87.6 ± 1.2)		51 ± 1/2 (129.5 ± 1.2)
289-701-204	58 1/4 ± 1 (148.0 ± 2.5)	27 3/8 ± 1/2 (69.5 ± 1.2)		49 1/4 ± 1/2 (125.1 ± 1.2)
289-701-205	48 ± 1 (121.9 ± 2.5)	19 ± 1/2 (48.3 ± 1.2)		39 ± 1/2 (99.1 ± 1.2)
289-701-206	48 ± 1 (121.9 ± 2.5)	26 ± 1/2 (66.0 ± 1.2)		39 ± 1/2 (99.1 ± 1.2)
289-701-207	70 ± 1 (177.8 ± 2.5)	55 ± 1/2 (139.7 ± 1.2)		61 ± 1/2 (154.9 ± 1.2)

Mask Assembly Dimensions
Figure 2 (Sheet 6 of 10)

Part Number	Dimensions In Inches (cm)			
	A	B	C	D
289-701-208	60 ± 1 (152.4 ± 2.5)	45 ± 1/2 (114.3 ± 1.2)		51 ± 1/2 (129.5 ± 1.2)
289-701-209	66 1/4 ± 1 (168.3 ± 2.5)	27 1/4 ± 1/2 (69.2 ± 1.2)		57 1/4 ± 1/2 (145.4 ± 1.2)
289-701-210	66 1/4 ± 1 (168.3 ± 2.5)	29 ± 1/2 (73.7 ± 1.2)		57 1/4 ± 1/2 (145.4 ± 1.2)
289-701-211	50 ± 1 (127.0 ± 2.5)	21 1/8 ± 1/2 (53.7 ± 1.2)		41 ± 1/2 (104.1 ± 1.2)
289-701-212	55 ± 1 (139.7 ± 2.5)	18 1/8 ± 1/4 (46.0 ± 0.6)		46 ± 1/2 (116.8 ± 1.2)
289-701-213	57 ± 1 (144.8 ± 2.5)	19 1/2 ± 1/2 (49.5 ± 1.2)		48 ± 1/2 (121.9 ± 1.2)
289-701-214	67 ± 1 (170.2 ± 2.5)	31 1/2 ± 1/2 (80.0 ± 1.2)		58 ± 1/2 (147.3 ± 1.2)
289-701-215	67 ± 1 (170.2 ± 2.5)	36 1/8 ± 1/2 (91.8 ± 1.2)		58 ± 1/2 (147.3 ± 1.2)
289-701-216	72 ± 1 (182.9 ± 2.5)	33 7/8 ± 1/2 (86.0 ± 1.2)		63 ± 1/2 (160.0 ± 1.2)
289-701-217	84 3/4 ± 1 (215.3 ± 2.5)	45 3/4 ± 1/2 (116.2 ± 1.2)		75 3/4 ± 1/2 (192.4 ± 1.2)
289-701-218	83 ± 1 (210.8 ± 2.5)	40 ± 1/2 (101.6 ± 1.2)		74 ± 1/2 (188.0 ± 1.2)
289-701-219	54 ± 1 (137.2 ± 2.5)	26 ± 1/2 (66.0 ± 1.2)		45 ± 1/2 (114.3 ± 1.2)
289-701-220	54 ± 1 (137.2 ± 2.5)	19 ± 1/2 (48.3 ± 1.2)		45 ± 1/2 (114.3 ± 1.2)
289-701-221	54 ± 1 (137.2 ± 2.5)	12 ± 1/2 (30.5 ± 1.2)		45 ± 1/2 (114.3 ± 1.2)

Mask Assembly Dimensions
Figure 2 (Sheet 7 of 10)

Part Number	Dimensions In Inches (cm)			
	A	B	C	D
289-701-222	67 ± 1 (170.2 ± 2.5)	38 ± 1/2 (96.5 ± 1.2)		58 ± 1/2 (147.3 ± 1.2)
289-701-223	51 1/4 ± 1 (130.2 ± 2.5)		5/8 ± 1/16 (1.6 ± 0.2)	42 1/4 ± 1/2 (107.3 ± 1.2)
289-701-224	48 ± 1 (121.9 ± 2.5)	12 ± 1/2 (30.5 ± 1.2)		39 ± 1/2 (99.1 ± 1.2)
289-701-226	53 ± 1 (134.6 ± 2.5)	23 ± 1/2 (58.4 ± 1.2)		44 ± 1/2 (111.8 ± 1.2)
289-701-227	48 ± 1 (121.9 ± 2.5)	12 ± 1/2 (30.5 ± 1.2)		39 ± 1/2 (99.1 ± 1.2)
289-701-228	48 ± 1 (121.9 ± 2.5)			39 ± 1/2 (99.1 ± 1.2)
289-701-229	44 3/4 ± 1 (113.7 ± 2.5)			35 3/4 ± 1/2 (90.8 ± 1.2)
289-701-230	64 ± 1 (162.6 ± 2.5)	25 ± 1/2 (63.5 ± 1.2)		55 ± 1/2 (139.7 ± 1.2)
289-701-231	62 ± 1 (157.5 ± 2.5)	23 ± 1/2 (58.4 ± 1.2)		53 ± 1/2 (134.6 ± 1.2)
289-701-232	60 ± 1 (152.4 ± 2.5)	19 1/2 ± 1/2 (49.5 ± 1.2)		51 ± 1/2 (129.5 ± 1.2)
289-701-233	56 ± 1 (142.2 ± 2.5)	14 1/2 ± 1/2 (36.8 ± 1.2)		47 ± 1/2 (119.4 ± 1.2)
289-701-233-1	56 ± 1 (142.2 ± 2.5)	11 1/4 ± 1/4 (28.6 ± 0.6)		47 ± 1/2 (119.4 ± 1.2)
289-701-234	62 ± 1 (157.5 ± 2.5)	12 ± 1/2 (30.5 ± 1.2)		53 ± 1/2 (134.6 ± 1.2)

Mask Assembly Dimensions
Figure 2 (Sheet 8 of 10)

Part Number	Dimensions In Inches (cm)			
	A	B	C	D
289-701-236	75 ± 1 (190.5 ± 2.5)	20 ± 1/2 (50.8 ± 1.2)		66 ± 1/2 (167.6 ± 1.2)
289-701-241	75 ± 1 (190.5 ± 2.5)	12 ± 1/2 (30.5 ± 1.2)		66 ± 1/2 (167.6 ± 1.2)
289-701-242	67 ± 1 (170.2 ± 2.5)	38 ± 1/2 (96.5 ± 1.2)		58 ± 1/2 (147.3 ± 1.2)
289-701-243	78 1/2 ± 1 (199.4 ± 2.5)	27 1/4 ± 1/2 (69.2 ± 1.2)		69 1/2 ± 1/2 (176.5 ± 1.2)
289-701-244	66 3/4 ± 1 (169.5 ± 2.5)	12 1/4 ± 1/2 (31.1 ± 1.2)		57 3/4 ± 1/2 (146.7 ± 1.2)
289-701-245	66 1/4 ± 1/2 (168.3 ± 1.2)	26 1/4 ± 1/2 66.7 ± 1.2)		57 1/4 ± 1/2 (145.4 ± 1.2)
289-701-246	62 ± 1/2 (157.5 ± 1.2)	22 ± 1/2 (55.9 ± 1.2)		53 ± 1/2 (134.6 ± 1.2)
289-701-247	55 1/4 ± 1/2 (140.3 ± 1.2)	15 1/4 ± 1/2 (38.7 ± 1.2)		46 1/4 ± 1/2 (117.5 ± 1.2)
289-701-248	78 1/2 ± 1/2 (199.4 ± 1.2)	26 1/4 ± 1/2 (66.7 ± 1.2)		69 1/2 ± 1/2 (176.5 ± 1.2)
289-701-249	56 ± 1/2 (142.2 ± 1.2)	13 ± 1/2 (33.0 ± 1.2)		47 ± 1/2 (119.4 ± 1.2)
289-701-250	75 ± 1/2 (190.5 ± 1.2)	11 ± 1/2 (27.9 ± 1.2)		66 ± 1/2 (167.6 ± 1.2)
289-701-251	66 1/4 ± 1/2 (168.3 ± 1.2)	11 1/4 ± 1/2 (28.6 ± 1.2)		57 1/4 ± 1/2 (145.4 ± 1.2)
289-701-252	53 ± 1/2 (134.6 ± 1.2)	24 ± 1/2 (61.0 ± 1.2)		44 ± 1/2 (111.8 ± 1.2)
289-701-253	66 1/4 ± 1/2 (168.3 ± 1.2)	28 ± 1/2 (71.1 ± 1.2)		57 1/4 ± 1/2 (145.4 ± 1.2)

Mask Assembly Dimensions
Figure 2 (Sheet 9 of 10)

Part Number	Dimensions In Inches (cm)			
	A	B	C	D
289-701-254	61 ± 1/2 (154.9 ± 1.2)	30 1/2 ± 1/2 (36.6 ± 1.2)		52 ± 1/2 (132.1 ± 1.2)
289-701-255	83 ± 1/2 (210.8 ± 1.2)	39 ± 1/2 (99.1 ± 1.2)		74 ± 1/2 (188.0 ± 1.2)
289-701-256	60 ± 1/2 (152.4 ± 1.2)	18 1/2 ± 1/2 (47.0 ± 1.2)		51 ± 1/2 (129.5 ± 1.2)
289-701-257	62 ± 1/2 (157.5 ± 1.2)	11 ± 1/2 (27.9 ± 1.2)		53 ± 1/2 (134.6 ± 1.2)
289-701-258	75 ± 1/2 (190.5 ± 1.2)	19 ± 1/2 (48.3 ± 1.2)		66 ± 1/2 (167.6 ± 1.2)
289-701-259	75 ± 1/2 (190.5 ± 1.2)	13 ± 1/2 (33.0 ± 1.2)		66 ± 1/2 (167.6 ± 1.2)
289-701-260	83 ± 1/2 (210.8 ± 1.2)	27 ± 1/2 (68.6 ± 1.2)		74 ± 1/2 (188.0 ± 1.2)
289-701-261	84 3/4 ± 1/2 (215.3 ± 1.2)	44 3/4 ± 1/2 (113.7 ± 1.2)		75 3/4 ± 1/2 (192.4 ± 1.2)

Mask Assembly Dimensions
Figure 2 (Sheet 10 of 10)

Characteristic	Parameter
Operating Environment	
Altitude	
Boeing Qualified Masks	To 42,000 ft (12,800 m)
MDC Qualified Masks	To 45,000 ft (13,700 m)
Relative Humidity	5 to 95 percent
Storage Temperature	-40°F to + 120°F (-40°C to + 49°C). The mask will function properly after exposure to -40°F (-40°C) for 5 minutes
Minimum Service Life	3 years
Approximate Weight	4 ounces (0.1 kg_f). The assembly weight will vary depending on the tube length and number of detail parts (end fittings, actuators, etc.).

Leading Particulars
Figure 3

TESTING AND FAULT ISOLATION

1. Test Equipment and Materials

Recommended test equipment and materials are listed in Figure 101. Equivalent items may be substituted. The test stand is illustrated in Figure 102.

Nomenclature	Part or Specification Number	Source
Cap, Sealing	405-148	Scott Aviation
Plug, Inlet Valve	405-147	Scott Aviation
Test Stand	405-300A	Scott Aviation

Recommended Test Equipment and Materials
Figure 101

2. Test Specifications

Perform the following tests to identify defective components and to determine if mask assemblies are functioning properly following overhaul.

A. Strength Test (Paragraph 4)

The mask assembly shall not be damaged when a static load of 20 pounds (9 N) is applied to the delivery tube for 3 seconds.

B. Exhaust Flow Test (Paragraph 5)

The positive pressure inside the facepiece shall not exceed 1.1 in·water (0.3 kPa) at an exhaust flow of 1.1 CFM (30 LPM) through the exhalation valve diaphragm.

C. Reservoir Bag Leakage Test (Paragraph 6)

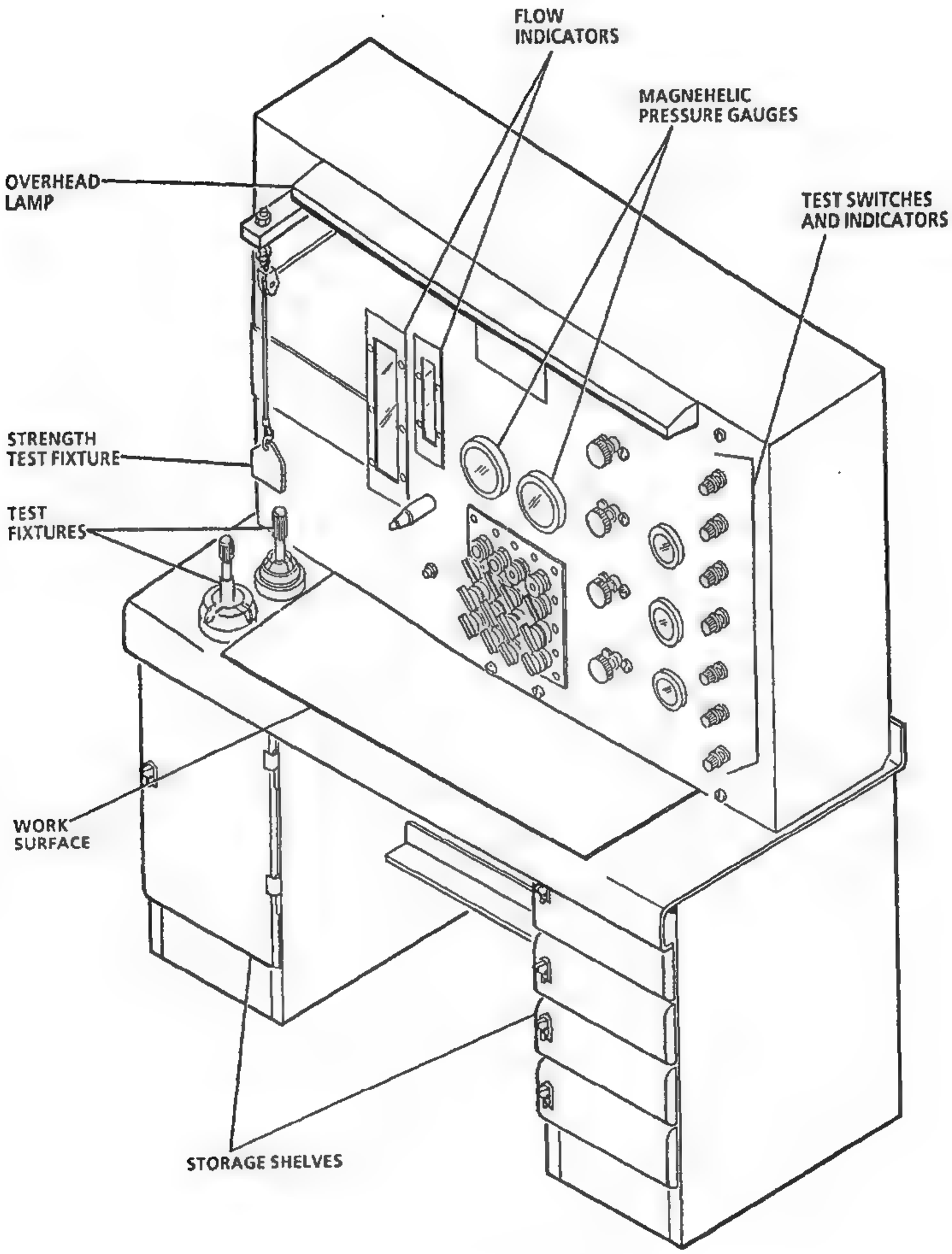
The reservoir bag leakage rate shall not exceed 0 scc per minute at an internal pressure of 6 in·water (1.5 kPa).

D. Mask & Valve Leakage Test (Paragraph 7)

The facepiece and valve assembly leakage rate shall not exceed 50 scc per minute at a facepiece pressure of -2.0 in·water.

E. Inlet Flow Test (Paragraph 8)

The negative pressure inside the facepiece shall not exceed -0.5 in·water (-0.1 kPa) through the ambient air inlet-check ring at an inlet flow of 30 LPM.



Test Stand 405-300A
Figure 102

F. Ambient Inlet Flow Test (Paragraph 9)

The negative pressure inside the facepiece shall increase by at least 0.1 in-water but not exceed -0.8 in-water when the inlet port is sealed at an inlet flow of 1.1 CFM.

G. Flow Indicator Test (Paragraph 10)

The flow indicator shall properly indicate gas flow in the oxygen tube. This test is applicable only to mask assemblies with flow indicators.

3. Test Setup

NOTE: The ambient temperature shall be 67°F (20°C) to 77°F (25°C) during testing. Relative humidity shall be 30 to 60 percent.

A. Set-up and calibrate test stand 405-300A in accordance with Scott Aviation document 405-930 (provided with test stand).

B. Remove plug from TEST FIXTURE NO. 2. Reinstall plug anytime fixture is not in use.

C. Install mask in TEST FIXTURE NO. 2. Check to ensure that facepiece fits evenly over fixture.

D. Set TEST FIXTURE NO. 2 switch to ON to close fixture.

4. Strength Test

A. Install mask assembly in test fixture (para. 3).

B. Connect oxygen tube to TEST FIXTURE NO. 3 as close to reservoir bag as possible.

C. Set PULL TEST switch to ON.

D. Wait 3 seconds, then set PULL TEST switch to OFF.

E. If the bag separated from the valve base or there is any other damage, first check to see if the cord is untied or broken. Replace the cord or bag & tube assembly.

5. Exhaust Flow Test

A. Install mask assembly in test fixture (para. 3).

B. Connect oxygen tube to TEST FIXTURE NO. 5.

C. Set LOW EXHAUST switch to ON.

D. Verify that positive pressure inside facepiece, as read on MAGNEHELIC GAUGE NO. 1, does not exceed 1.1 in-water (0.3 kPa) at 1.1 CFM (30 LPM) flow.

E. Set LOW EXHAUST switch to OFF.

F. If the mask failed this test, replace the mask & valve assembly.

6. Reservoir Bag Leakage Test

NOTE: This procedure is used to test bag & tube assemblies before final assembly to the facepiece & valve assembly.

A. Install open end of reservoir bag over TEST FIXTURE NO. 4.

B. While holding a finger over the end of the oxygen tube, set BAG FILL switch to ON until MAGNEHELIC GAUGE NO. 2 reading is 6 in-water (1.5 kPa).

C. Set BAG FILL switch to OFF.

D. Set BAG LEAKAGE switch to ON.

E. Verify that MAGNEHELIC GAUGE NO. 2 reading remains at 6 in-water (1.5 kPa) while FLOWMETER NO. 2 reading is 0 scc per minute. Do not remove finger from end of oxygen tube.

F. Set BAG LEAKAGE switch to OFF.

G. If the reservoir bag leakage exceeded 0 scc per minute, replace the bag & tube assembly.

7. Mask & Valve Leakage Test

NOTE: This procedure is used to test mask & valve assemblies before installation of the bag & tube assembly.

A. Install mask & valve assembly in test fixture (para. 3).

B. Using tweezers, install inlet valve plug (Figure 101) over inlet port as shown in Figure 103.

C. Set MASK LEAKAGE switch to ON.

D. Verify that negative pressure inside facepiece, as read on MAGNEHELIC GAUGE NO. 1, is -2.0 ± 0.2 in-water (-0.5 ± 0.05 kPa).

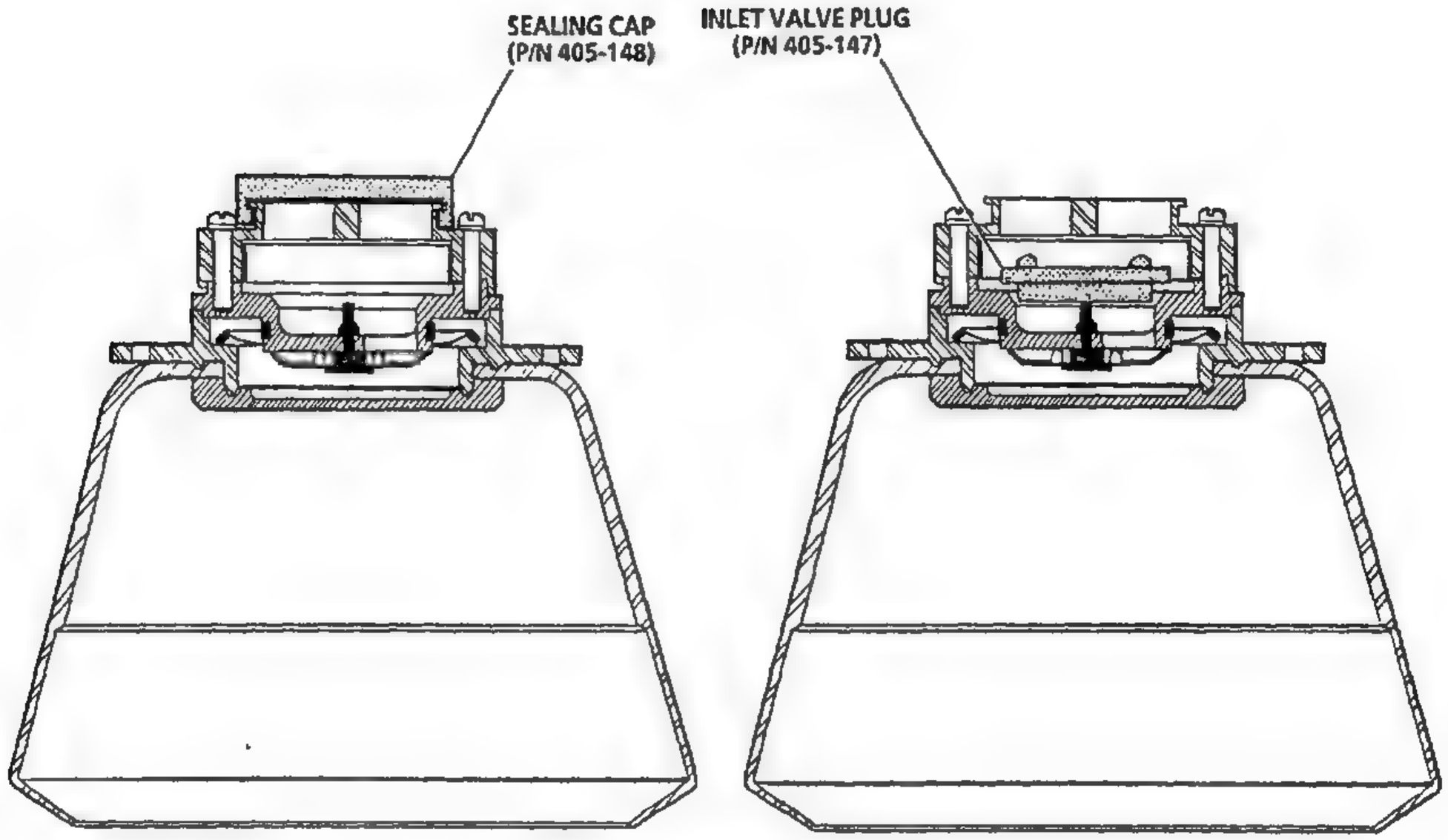
E. Verify that leakage rate, as read on FLOWMETER NO. 2, is less than 50 scc per minute.

F. Set MASK LEAKAGE switch to OFF.

G. Using tweezers, remove plug from inlet port.

NOTE: Do not remove unit from test fixture until inlet flow test (para. 8) and ambient test (para. 9) are completed.

H. If the mask & valve assembly failed this test, check valve plug seating, then check alignment and condition of the facepiece, exhalation valve flapper, inhalation valve flapper and inlet-check ring. Replace parts, as required.



Plug and Cap Installation
Figure 103

8. Inlet Flow Test

NOTE: This procedure is used to test facepiece & valve assemblies before installation of the bag & tube assembly. Check facepiece & valve leakage (para. 7) before starting this test.

A. Set LOW INLET switch to ON.

B. Verify that negative pressure inside facepiece, as read on MAGNEHELIC GAUGE NO. 1, does not exceed -0.5 in-water (-0.1 kPa) at an inlet flow of 1.1 CFM (30 LPM).

C. If the facepiece & valve assembly failed this test, realign or replace inhalation flapper.

9. Ambient Inlet Flow Test

A. Install sealing cap (Figure 101) over inlet port as shown in Figure 103.

B. Verify that negative pressure inside facepiece increases by at least 0.1 in-water (25 Pa) and does not exceed -0.8 in-water (0.2 kPa).

C. Set LOW INLET switch to OFF.

D. If the facepiece & valve assembly failed this test, realign or replace the ambient air inlet-check ring.

10. Flow Indicator Test

NOTE: This test is applicable only to mask assemblies with flow indicators.

A. Connect oxygen tube to TEST FIXTURE NO. 5.

B. Set BAG INFLATE switch to ON.

C. Verify that flow indicator turns from red to green to indicate gas flow in oxygen tube, or that green area of bag inflates to indicate gas flow into reservoir bag.

D. Set BAG INFLATE switch to OFF.

E. If the flow indicator failed, replace the bag & tube assembly.

DISASSEMBLY

1. General

   A. Perform Fault Isolation and Check procedures to determine the extent of disassembly required.

   B. Disassembly sequence charts for the mask assembly and mask & valve assembly are provided as Figures 301 and 302, respectively.

2. Bag & Tube Assembly (IPL Figures 1 thru 3)

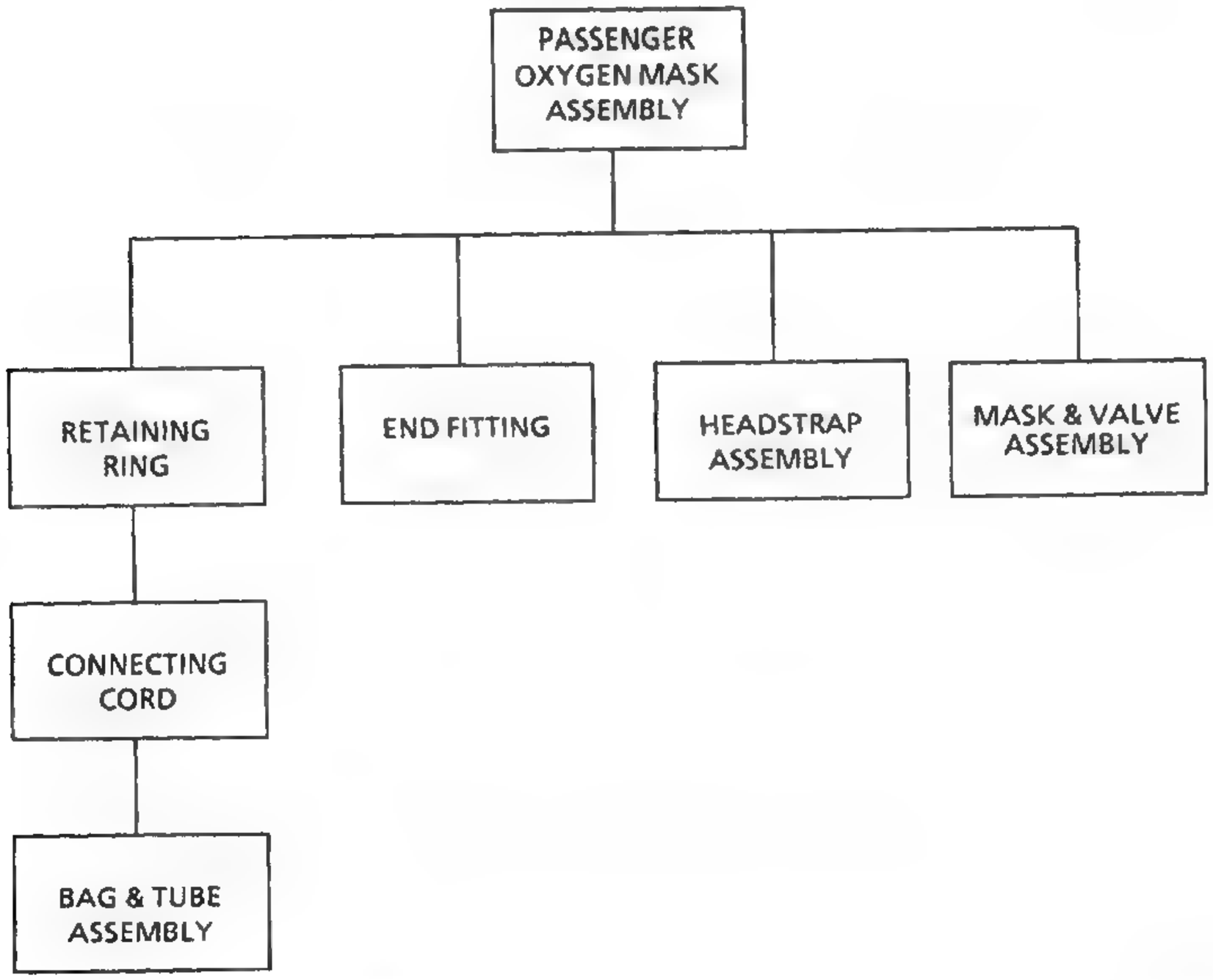
   A. Removal

      (1) Remove retaining ring by prying it away from mask & valve assembly with a small, flat edge screwdriver or similar tool. Use care to avoid tearing or puncturing the reservoir bag.

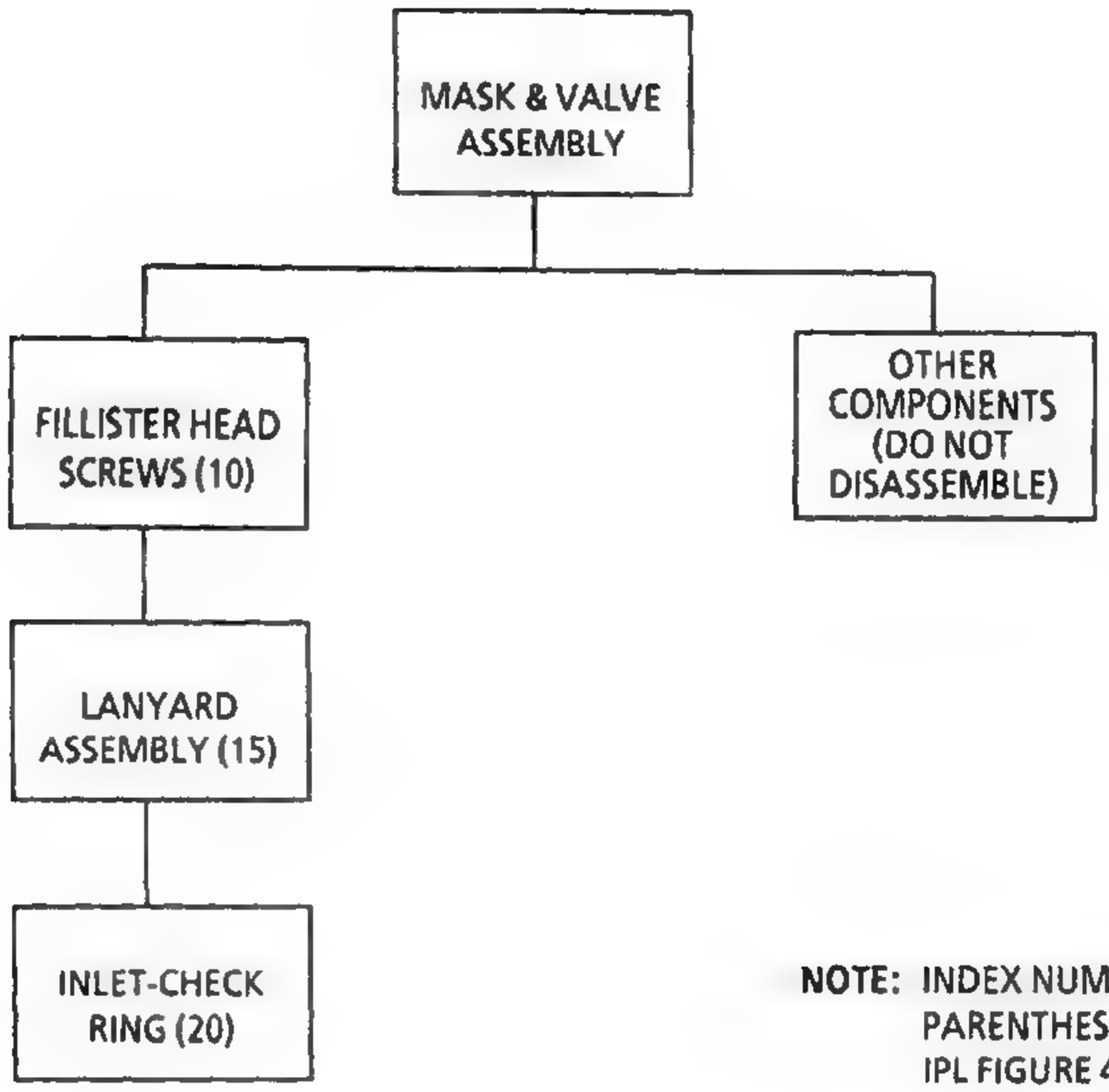
      (2) Lift white ring at open end of bag & tube assembly from groove in inhalation base.

      (3) Pull connecting cord from reservoir bag to expose knot in cord.

      (4) Untie knot or cut cord and separate reservoir bag from inhalation base.



Disassembly Sequence Chart, Mask Assembly
Figure 301



Disassembly Sequence Chart, Mask & Valve Assembly
Figure 8

B. Disassembly

(1) The reservoir bag, oxygen tube, actuator assembly and anti-kink spring are bonded together and should not be disassembled. For replacement, order a complete bag & tube assembly.

(2) The end fitting is press fit into the end of the oxygen tube and can be removed by pulling with a force greater than 20 pounds (9 N).

3. Mask & Valve Assembly (IPL Figure 4)

NOTE: Unless otherwise specified, item numbers in parentheses refer to IPL Figure 4.

A. Remove four screws (10).

B. Remove lanyard assembly (15).

NOTE: Do not attempt further disassembly of the lanyard assembly. If it is damaged, replace entire assembly.

C. Remove inhalation base (5) and inlet-check ring (20).

D. If other components are defective, replace mask & valve assembly. Do not attempt further disassembly.

CLEANING

1. Cleaning Materials

Recommended cleaning materials are listed in Figure 401. Equivalent items may be substituted.

Nomenclature	Part or Specification Number	Source
Cloth, Disposable, Lint-free	---	Local supply
Disinfectant, Zephiran Chloride	00-2572	Scott Aviation or Medical Chemical Corp. P.O. Box 445 Santa Monica, CA 90404
Powder, Dusting, "Neo-Novacite"	00-736	Scott Aviation or Amador Corp. 2307 W. Lane Stockton, CA
Water, Distilled	---	Local Supply

Recommended Cleaning Materials
Figure 401

2. Cleaning Procedure

CAUTION: DO NOT USE WATER HEATED TO MORE THAN 140°F (60°C). AVOID GETTING WATER INSIDE RESERVOIR BAG.

A. Clean all external surfaces of the mask using a warm soapy solution made from one-half teaspoon mild household type detergent to one gallon (3.8 liters) water.

B. Rinse all parts with clean, cold water.

C. Wipe excess water from the mask using a lint-free cloth, preferably gauze.

D. Air dry mask.

E. Prepare a 3:1 solution of disinfectant and distilled water (3 parts disinfectant to one part water).

F. Wipe mask assembly with a lint-free cloth soaked in disinfectant solution. Pay particular attention to the inside of the facepiece and face seal.

G. Air dry mask.

H. Lightly dust facepiece inside and out with neo-novacite powder. Shake mask to remove excess powder.

I. Check to see that all surfaces are clean and that flappers are seated properly.

CHECK

Visual check procedures are listed in Figure 501. Use bright light and magnification as needed. The mask assemblies should be checked at least once each year.

Component	Check For	Corrective Action
Retaining Ring (IPL Figure 1)	Loose or missing.	Replace ring.
Connecting Cord	Loose knot or broken cord.	Retie knot or replace cord.
Bag & Tube Assembly		
Reservoir Bag	Discoloration, tears, tackiness or contamination. Pay particular attention to area where bag attaches to inhalation base.	Replace bag & tube assembly.
Tube	Permanent kinks, splitting, discoloration or contamination.	Replace bag & tube assembly.
End Fitting	Damaged or contaminated	Replace fitting.
Headstrap Assembly	Inelastic cord.	Replace headstrap assembly.
Mask & Valve Assembly (IPL Figure 4)		
Screws	Cross-threads or damaged head.	Replace screws.
Inhalation Base	Cracks around screw holes or enlarged holes.	Replace damaged parts.
Inlet-Check Ring	Contamination or improper installation.	Replace damaged parts.
Facepiece	Contamination, permanent distortion, tears or other damage.	Clean and disinfect facepiece or replace damaged mask & valve assembly.
Lanyard Assembly	Frayed or broken cord.	Replace lanyard assembly.

Check Procedures
Figure 501

ASSEMBLY (INCLUDING STORAGE)

1. Assembly Materials

Recommended assembly materials are listed in Figure 701. Equivalent items may be substituted.

Nomenclature	Part or Specification Number	Source
Screwdriver, Torque-Limiting	TQS-025	Snap-On Tools Co. P.O. Box 26267 Richmond, VA 23260-6267
Tubing, Shrink, 0.120 ID, Black	289-283 or 275-14	Scott Aviation Alpha Wire Company 711 Lidgerwood Ave. Elizabeth, NJ 07207

Recommended Assembly Materials
Figure 701

2. Assembly Area Requirements

All assembly operations shall be accomplished in an area suitable for assembly of oxygen equipment and free from oils and other contaminants.

3. Mask & Valve Assembly (IPL Figure 4)

WARNING: DO NOT USE OIL OR OTHER PETROLEUM BASE LUBRICANTS ON OXYGEN EQUIPMENT. THESE LUBRICANTS ARE A FIRE HAZARD IN OXYGEN-RICH ENVIRONMENTS.

NOTE: Install a new inlet-check ring during reassembly.

NOTE: Unless otherwise specified, item numbers in parentheses refer to IPL Figure 4.

A. Clean and disinfect all parts prior to reassembly.

B. Seat new inlet-check ring (20) in inhalation base (5), with cylindrical portion of ring extending toward base and with screw holes aligned. Smooth out all wrinkles.

C. Insert four screws (10) through inhalation base (5) and into valve holder body (35). If a lanyard assembly (15) is required, insert one screw through eyelet of lanyard and then into valve body holder.

D. Using a torque-limiting screwdriver, alternately tighten screws (10) to 10 ± 1 inch-ounce, while checking to ensure inlet-check ring (20) is seated properly.

4. Bag & Tube Assembly (IPL Figures 1 thru 3)

A. Test bag & tube assembly for leaks or other damage.

B. Loop connecting cord through opening in reservoir bag and retaining ring, and around inhalation base crossarm.

C. Tie free ends of connecting cord in a square knot and pull knot tight. The tag ends of the knot should be 0.5 to 1 inch (1.2 to 2.4 cm) long.

D. Slip retaining ring over neck of reservoir bag.

E. Seal open end of reservoir bag over inhalation base, and press retaining ring firmly into groove in base.

F. With facepiece in one hand and oxygen tube in the other, pull the mask assembly taut until there is no slack in the connecting cord. Measure the distance from the valve body to the end of the reservoir bag. The dimension should be the same as that shown in the applicable illustration in Figure 2. If the dimension is not correct, adjust bag installation by retying the connecting cord.

G. Press end fitting into end of oxygen tube, as applicable.

NOTE: The oxygen tube may need to be stretched before the end fitting can be installed.

5. Storage

A. Write unit nomenclature and maintenance date on a tag. Attach tag to exhalation port (40, IPL Figure 4).

B. Pack mask assembly in accordance with airframe manufacturer instructions, or place mask in a moisture-proof container. A heat-sealable polyethylene bag with desiccant is recommended.

FITS AND CLEARANCES

No fits and clearances are applicable. Torque values are listed in Figure 801.

IPL Fig. and Item No.	Nomenclature	Torque
4-10	Screw, Fillister Hd	10 ± 1 inch-ounces

Torque Values
Figure 801

SPECIAL TOOLS, FIXTURES AND EQUIPMENT

Special tools, fixtures and equipment required to test and maintain mask assemblies are listed in Figure 901. Equivalent items may be substituted.

Nomenclature	Part or Specification Number	Source
Cap, Sealing	405-148	Scott Aviation
Plug, Inlet Valve	405-147	Scott Aviation
Screwdriver, Torque-limiting	TQS-025	Snap-on Tools Co. P.O. Box 26267 Richmond, VA 23260-6267
Test Stand, Portable	405-300A	Scott Aviation

Special Tools, Fixtures and Equipment
Figure 901

ILLUSTRATED PARTS LIST

1. Introduction

A. Purpose

This IPL illustrates and lists authorized replacement parts with attaching hardware for the following Passenger Oxygen Mask Assembly configurations.

Mask Assemblies	IPL Figure
289-701-1 thru -86	1
289-701-100 thru -105	2
289-701-201 thru -261	3

B. Usage Guide

(1) If the part number is known:

(a) Locate the part number in the Numerical Index. Note the figure and item numbers assigned to the part.

(b) Refer to the specified figure in the parts list and locate the item number in the FIG. ITEM column or the part number in the PART NUMBER column.

(2) If the part number is not known:

(a) Locate the part in an illustration. Note the item number assigned to the part.

(b) Refer to the associated parts list and locate the item number in the FIG. ITEM column.

C. Vendor Names and Addresses

All parts listed in this IPL, with exception of flow indicators 8540-00 and 803479-01 (Items 15 and 15A, IPL Figure 2), are manufactured or modified by Scott Aviation, Sierra Madre, California. The flow indicators are manufactured by Scott Aviation, Lancaster, New York.

V53655 Scott Aviation
225 Erie Street
Lancaster, NY 14086

V92114 Scott Aviation
123 E. Montecito Avenue
Sierra Madre, CA 91024

2. Numerical Index

The Numerical Index is provided to help locate parts in the Detail Parts List by part number. The figure number, item number and total quantity required are listed for each entry.

Part number arrangement is from left to right, one character at a time. The order of precedence is: (1) dash, (2) letters A through Z, and (3) numerals 0 through 9.

3. Detail Parts List

The Detail Parts List is presented in the general sequence of disassembly. Each part is illustrated in an exploded-view illustration and listed in the related parts list.

A. FIG. ITEM Column

(1) The first number at the top of each FIG. ITEM column is the figure number of the corresponding illustration. The number listed opposite each part number is the item number assigned to the part in the illustration.

(2) A dash (-) in front of an item number indicates that the part is not illustrated.

(3) Alpha-variants A through Z (except I and O) are assigned to item numbers when necessary to indicate:

(a) Added parts.

(b) Alternate parts.

(c) Service Bulletin modified parts.

(d) Non-Service Bulletin related product improvement parts.

B. PART NUMBER Column

This column contains the manufacturer's part number for each part, as modified to meet the requirements of ATA 200. These modifications may include:

(1) Removal of blank spaces and special characters, with the exception of dashes.

(2) Insertion of a reference part number compatible with ATA 200 if the manufacturer's part number exceeds 15 characters. In these cases, the manufacturer's part number is listed in the NOMENCLATURE column.

C. NOMENCLATURE Column

(1) This column contains descriptive nomenclature for each part, and may also list the manufacturer's FSCM code (if the part was not manufactured or modified by Scott Aviation), part number (if longer than 15 digits), Service Bulletins affecting the part, obsolete part numbers, and references to other manuals containing additional information.

(2) The indenture system used in the NOMENCLATURE column indicates the relationship of one part to another, as follows:

1 2 3
End Item or Major Assembly
ATTACHING PARTS
Attaching Parts for End Item or Major Assembly
* * *
. Detail Parts for End Item or Major Assembly
. Subassemblies
ATTACHING PARTS
. Attaching Parts for Subassemblies
* * *
. . Detail Parts for Subassemblies
ATTACHING PARTS
. . Attaching Parts for Detail Parts
* * *

(3) Assemblies, subassemblies, and detail parts subject to modification, deletion, addition, or replacement by an issued Service Bulletin are annotated to indicate both pre- and post-Service Bulletin configurations. The term (PRE SB XXXX) in the NOMENCLATURE column designates the original configuration, and the term (POST SB XXXX) identifies assemblies and parts after the modification has been completed.

D. EFF CODE Column

This column contains letter codes (A, B, etc) to indicate the alternate models or configurations of the end item to which the listed parts apply. Where this column has been left blank, the listed parts apply to all models or configurations included in the parts list.

E. UNITS PER ASSY Column

The quantity shown in this column represents the units required for one NHA or, when referring to attaching parts, the quantity to attach one such item. The abbreviation RF (reference) indicates that the end item or assembly is shown completely assembled on the illustration referenced in the NOMENCLATURE column.

PART NUMBER	AIRLINE STOCK NO.	FIGURE	ITEM	TTL REQ
00-2983		4	10	4
00-5270		1	25	1
		3	30	1
289-115		4	15	1
289-115-1		4	15A	1
289-15		1	5	1
		2	5	1
		3	5	1
289-158		1	40	1
289-165-2		1	40A	1
289-166-1		1	30	1
289-166-2		1	30A	1
289-282		1	15	1
		2	15	1
289-35		4	25	1
289-37-1		4	20	1
289-56		1	20	1
		3	20	1
289-639		1	55	2
		2	40	2
		3	45	2
289-641-2		3	15	1
289-701-1		1	1	RF
289-701-10		1	1J	RF
289-701-100		2	1	RF
289-701-101		2	1A	RF
289-701-102		2	1B	RF
289-701-103		2	1C	RF
289-701-104		2	1D	RF
289-701-105		2	1E	RF
289-701-11		1	1K	RF
289-701-12		1	1L	RF
289-701-13		1	1M	RF
289-701-14		1	1N	RF
289-701-15		1	1P	RF
289-701-16		1	1Q	RF
289-701-17		1	1R	RF
289-701-18		1	1S	RF
289-701-19		1	1T	RF
289-701-2		1	1A	RF
289-701-20		1	1U	RF

PART NUMBER	AIRLINE STOCK NO.	FIGURE	ITEM	TTL REQ
289-701-201		3	1	RF
289-701-202		3	1A	RF
289-701-203		3	1B	RF
289-701-204		3	1C	RF
289-701-205		3	1D	RF
289-701-206		3	1E	RF
289-701-207		3	1F	RF
289-701-208		3	1G	RF
289-701-209		3	1H	RF
289-701-21		1	1V	RF
289-701-210		3	1J	RF
289-701-211		3	1K	RF
289-701-212		3	1L	RF
289-701-213		3	1M	RF
289-701-214		3	1N	RF
289-701-215		3	1P	RF
289-701-216		3	1Q	RF
289-701-217		3	1R	RF
289-701-218		3	1S	RF
289-701-219		3	1T	RF
289-701-22		1	1W	RF
289-701-220		3	1U	RF
289-701-221		3	1V	RF
289-701-222		3	1W	RF
289-701-223		3	1X	RF
289-701-224		3	1Y	RF
289-701-226		3	1Z	RF
289-701-227		3	1BA	RF
289-701-228		3	1CA	RF
289-701-229		3	1DA	RF
289-701-23		1	1X	RF
289-701-230		3	1EA	RF
289-701-231		3	1FA	RF
289-701-232		3	1GA	RF
289-701-233		3	1HA	RF
289-701-233-1		3	1JA	RF
289-701-234		3	1KA	RF
289-701-236		3	1MA	RF
289-701-24		1	1Y	RF

PART NUMBER	AIRLINE STOCK NO.	FIGURE	ITEM	TTL REQ
289-701-241		3	1NA	RF
289-701-242		3	1PA	RF
289-701-243		3	1QA	RF
289-701-244		3	1RA	RF
289-701-245		3	1SA	RF
289-701-246		3	1TA	RF
289-701-247		3	1UA	RF
289-701-248		3	1VA	RF
289-701-249		3	1WA	RF
289-701-250		3	1XA	RF
289-701-251		3	1YA	RF
289-701-252		3	1ZA	RF
289-701-253		3	1CB	RF
289-701-254		3	1DB	RF
289-701-255		3	1EB	RF
289-701-256		3	1FB	RF
289-701-257		3	1GB	RF
289-701-258		3	1HB	RF
289-701-259		3	1JB	RF
289-701-26		1	1Z	RF
289-701-260		3	1KB	RF
289-701-261		3	1LB	RF
289-701-27		1	1BA	RF
289-701-27-1		1	1CA	RF
289-701-28		1	1DA	RF
289-701-29		1	1EA	RF
289-701-3		1	1B	RF
289-701-30		1	1FA	RF
289-701-31		1	1GA	RF
289-701-32		1	1HA	RF
289-701-33		1	1JA	RF
289-701-34		1	1KA	RF
289-701-35		1	1LA	RF
289-701-36		1	1MA	RF
289-701-37		1	1NA	RF
289-701-38		1	1PA	RF
289-701-39		1	1QA	RF
289-701-4		1	1C	RF
289-701-40		1	1RA	RF
289-701-45		1	1SA	RF

PART NUMBER	AIRLINE STOCK NO.	FIGURE	ITEM	TTL REQ
289-701-5		1	1D	RF
289-701-6		1	1E	RF
289-701-7		1	1F	RF
289-701-8		1	1G	RF
289-701-85		1	1TA	RF
289-701-86		1	1UA	RF
289-701-9		1	1H	RF
289-703		4	50	1
289-704		4	30	1
289-705		4	5	1
289-706		4	45	1
289-710		4	35	1
289-712		4	40	1
289-716		1	60	1
		2	45	1
		3	50	1
		4	1	RF
289-716-2		1	60A	1
		3	50A	1
		4	1A	RF
289-716-3		1	60B	1
		4	1B	RF
289-718		1	30B	1
		3	25	1
289-718-1		1	30C	1
		2	25	1
		3	25A	1
289-718-2		1	30D	1
289-718-3		1	30E	1
		3	25B	1
289-718-7		2	25A	1
289-718-8		3	25C	1
289-719-100		2	10	1
289-719-101		2	10A	1
289-719-102		2	10B	1
289-719-103		2	10C	1
289-719-104		2	10D	1
289-719-105		2	10E	1
289-719-201		3	10	1
289-719-202		3	10A	1
289-719-203		3	10B	1
289-719-204		3	10C	1

PART NUMBER	AIRLINE STOCK NO.	FIGURE	ITEM	TTL REQ
289-719-205		3	10D	1
289-719-206		3	10E	1
289-719-207		3	10F	1
289-719-208		3	10G	1
289-719-209		3	10H	1
289-719-210		3	10J	1
289-719-211		3	10K	1
289-719-212		3	10L	1
289-719-213		3	10M	1
289-719-214		3	10N	1
289-719-215		3	10P	1
289-719-216		3	10Q	1
289-719-217		3	10R	1
289-719-218		3	10S	1
289-719-219		3	10T	1
289-719-220		3	10U	1
289-719-221		3	10V	1
289-719-222		3	10W	1
289-719-223		3	10X	1
289-719-224		3	10Y	1
289-719-226		3	10Z	1
289-719-227		3	10BA	1
289-719-228		3	10CA	1
289-719-229		3	10DA	1
289-719-230		3	10EA	1
289-719-231		3	10FA	1
289-719-232		3	10GA	1
289-719-233		3	10HA	1
289-719-233-1		3	10JA	1
289-719-234		3	10KA	1
289-719-236		3	10MA	1
289-719-241		3	10NA	1
289-719-242		3	10PA	1
289-719-243		3	10QA	1
289-719-244		3	10RA	1
289-719-245		3	10SA	1
289-719-246		3	10TA	1
289-719-247		3	10UA	1
289-719-248		3	10VA	1

PART NUMBER	AIRLINE STOCK NO.	FIGURE	ITEM	TTL REQ
289-719-249		3	10WA	1
289-719-250		3	10XA	1
289-719-251		3	10YA	1
289-719-252		3	10ZA	1
289-719-253		3	10CB	1
289-719-254		3	10DB	1
289-719-255		3	10EB	1
289-719-256		3	10FB	1
289-719-257		3	10GB	1
289-719-258		3	10HB	1
289-719-259		3	10JB	1
289-719-260		3	10KB	1
289-719-261		3	10LB	1
289-719-35		1	10	1
289-719-36		1	10A	1
289-719-37		1	10B	1
289-719-38		1	10C	1
289-719-39		1	10D	1
289-719-40		1	10E	1
289-719-41		1	10F	1
289-719-42		1	10G	1
289-719-48		1	10H	1
289-719-49		1	10J	1
289-719-50		1	10K	1
289-719-51		1	10L	1
289-719-52		1	10M	1
289-719-53		1	10N	1
289-719-54		1	10P	1
289-719-55		1	10Q	1
289-719-56		1	10R	1
289-719-57		1	10S	1
289-719-58		1	10T	1
289-719-59		1	10U	1
289-719-60		1	10V	1
289-719-62		1	10W	1
289-719-63		1	10X	1
289-719-64		1	10Y	1
289-719-66		1	10Z	1
289-719-67		1	10BA	1
289-719-67-1		1	10CA	1

PART NUMBER	AIRLINE STOCK NO.	FIGURE	ITEM	TTL REQ
289-719-68		1	10DA	1
289-719-69		1	10EA	1
289-719-70		1	10FA	1
289-719-71		1	10GA	1
289-719-72		1	10HA	1
289-719-73		1	10JA	1
289-719-74		1	10KA	1
289-719-75		1	10LA	1
289-719-76		1	10MA	1
289-719-77		1	10NA	1
289-719-78		1	10PA	1
289-719-79		1	10QA	1
289-719-80		1	10RA	1
289-719-81		1	10SA	1
289-719-85		1	10TA	1
289-719-86		1	10UA	1
289-736		1	35	1
		3	30	1
289-749		1	30F	1
289-756		1	45	1
		2	30	1
		3	35	1
289-756-1		1	50	1
		2	35	1
		3	40	1
60B50349-26		3	25D	1
777-37		1	20A	1
803479-01		2	20A	1
8540-00		2	20	1

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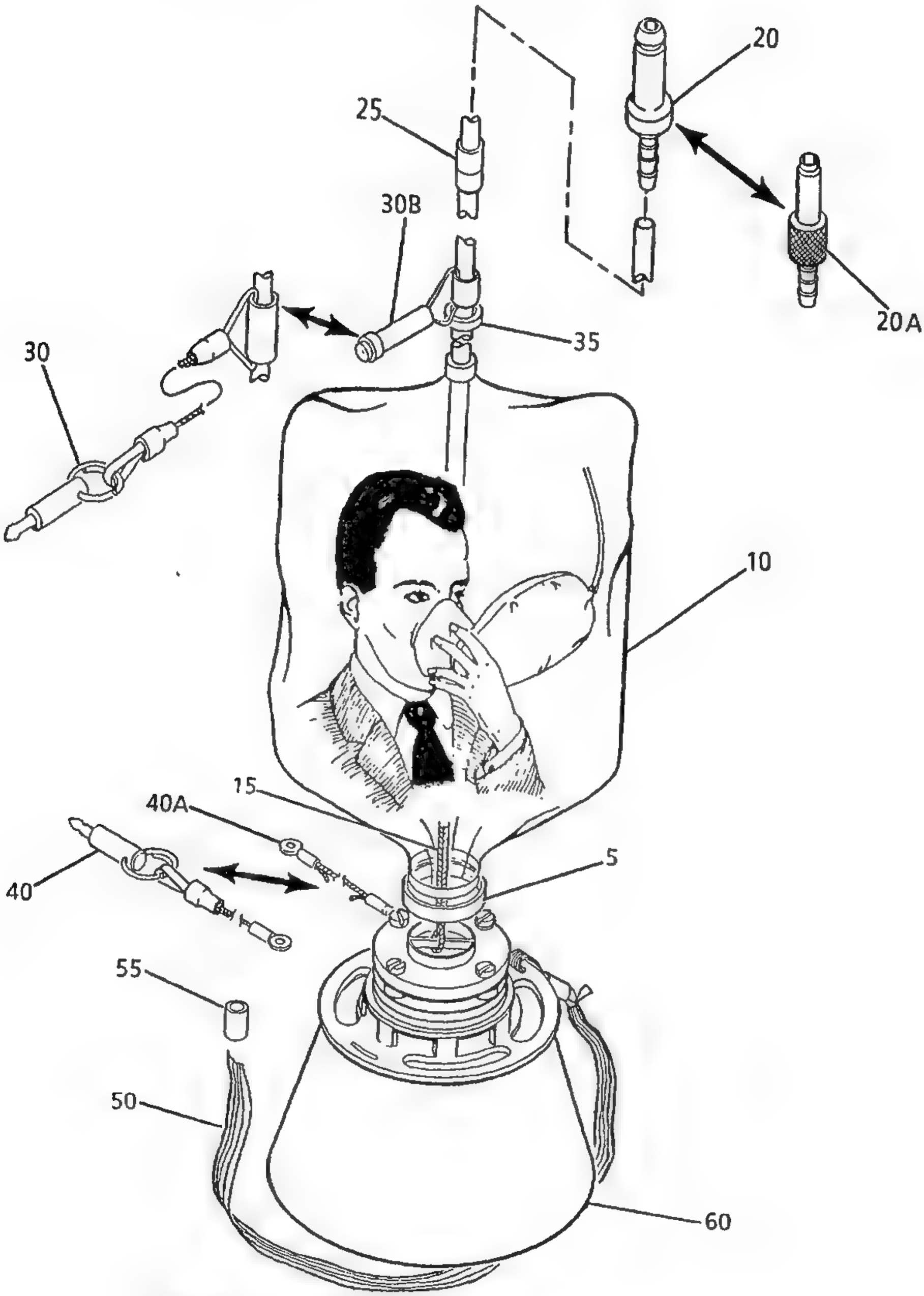

Passenger Oxygen Mask Assemblies (289-701-1 thru -86)
IPL Figure 1

FIG. ITEM	PART NUMBER	AIRLINE STOCK NO.	NOMENCLATURE 1 2 3 4 5 6 7	EFF CODE	UNITS PER ASSY
1 1	289-701-1		MASK ASSY, PASSENGER OXYGEN (BAC 10-61037-26, UAL 9F-9075-501)	A	RF
-1A	289-701-2		MASK ASSY, PASSENGER OXYGEN (BAC 10-61037-22)	B	RF
-1B	289-701-3		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-27, UAL 9F-9075-502)	C	RF
-1C	289-701-4		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-23)	D	RF
-1D	280-701-5		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-28)	E	RF
-1E	289-701-6		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-29, UAL 9F-9075-503)	F	RF
-1F	289-701-7		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-30)	G	RF
-1G	289-701-8		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-31)	H	RF
-1H	289-701-9		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-24)	J	RF
-1J	289-701-10		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-25)	K	RF
-1K	289-701-11		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-32)	L	RF
-1L	289-701-12		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-33)	M	RF
-1M	289-701-13		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-34)	N	RF
-1N	289-701-14		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-35)	P	RF
-1P	289-701-15		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-36)	Q	RF
-1Q	289-701-16		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-37)	R	RF
-1R	289-701-17		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-44)	S	RF
-1S	289-701-18		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-45)	T	RF
-1T	289-701-19		MASK ASSY, PASSENGER OXYGEN (PAN AM M5161-30)	U	RF
-1U	289-701-20		MASK ASSY, PASSENGER OXYGEN (PAN AM M5161-40)	V	RF
-1V	289-701-21		MASK ASSY, PASSENGER OXYGEN (PAN AM M5161-50)	W	RF

- Item Not Illustrated

FIG. ITEM	PART NUMBER	AIRLINE STOCK NO.	NOMENCLATURE 1 2 3 4 5 6 7	EFF CODE	UNITS PER ASSY
1 -1W	289-701-22		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-47)	X	RF
-1X	289-701-23		MASK ASSY, PASSENGER OXYGEN (KSS)	Y	RF
-1Y	289-701-24		MASK ASSY, PASSENGER OXYGEN (AMERICAN)	Z	RF
-1Z	289-701-26		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-48)	BA	RF
-1BA	289-701-27		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-49)	CA	RF
-1CA	289-701-27-1		MASK ASSY, PASSENGER OXYGEN	DA	RF
-1DA	289-701-28		MASK ASSY, PASSENGER OXYGEN (NORTHWESTERN)	EA	RF
-1EA	289-701-29		MASK ASSY, PASSENGER OXYGEN (EASTERN)	FA	RF
-1FA	289-701-30		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-50)	GA	RF
-1GA	289-701-31		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-51)	HA	RF
-1HA	289-701-32		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-52)	JA	RF
-1JA	289-701-33		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-53)	KA	RF
-1KA	289-701-34		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-54)	LA	RF
-1LA	289-701-35		MASK ASSY, PASSENGER OXYGEN	MA	RF
-1MA	289-701-36		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-55)	NA	RF
-1NA	289-701-37		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-70)	PA	RF
-1PA	289-701-38		MASK ASSY, PASSENGER OXYGEN (BAC 69V10315-3)	QA	RF
-1QA	289-701-39		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-6)	RA	RF
-1RA	289-701-40		MASK ASSY, PASSENGER OXYGEN	SA	RF
-1SA	289-701-45		MASK ASSY, PASSENGER OXYGEN (EASTERN)	TA	RF
-1TA	289-701-85		MASK ASSY, PASSENGER OXYGEN	UA	RF
-1UA	289-701-86		MASK ASSY, PASSENGER OXYGEN	VA	RF

- Item Not Illustrated

FIG. ITEM	PART NUMBER	AIRLINE STOCK NO.	NOMENCLATURE 1 2 3 4 5 6 7	EFF CODE	UNITS PER ASSY
1 5	289-15		. RING, RETAINING		1
10	289-719-35		. BAG & TUBE ASSY	A	1
-10A	289-719-36		. BAG & TUBE ASSY	B	1
-10B	289-719-37		. BAG & TUBE ASSY	C	1
-10C	289-719-38		. BAG & TUBE ASSY	D	1
-10D	289-719-39		. BAG & TUBE ASSY	E	1
-10E	289-719-40		. BAG & TUBE ASSY	F	1
-10F	289-719-41		. BAG & TUBE ASSY	G	1
-10G	289-719-42		. BAG & TUBE ASSY	H	1
-10H	289-719-48		. BAG & TUBE ASSY	J	1
-10J	289-719-49		. BAG & TUBE ASSY	K	1
-10K	289-719-50		. BAG & TUBE ASSY	L	1
-10L	289-719-51		. BAG & TUBE ASSY	M	1
-10M	289-719-52		. BAG & TUBE ASSY	N	1
-10N	289-719-53		. BAG & TUBE ASSY	P	1
-10P	289-719-54		. BAG & TUBE ASSY	Q	1
-10Q	289-719-55		. BAG & TUBE ASSY	R	1
-10R	289-719-56		. BAG & TUBE ASSY	S	1
-10S	289-719-57		. BAG & TUBE ASSY	T	1
-10T	289-719-58		. BAG & TUBE ASSY	U	1
-10U	289-719-59		. BAG & TUBE ASSY	V	1
-10V	289-719-60		. BAG & TUBE ASSY	W	1
-10W	289-719-62		. BAG & TUBE ASSY	X	1
-10X	289-719-63		. BAG & TUBE ASSY	Y	1
-10Y	289-719-64		. BAG & TUBE ASSY	Z	1
-10Z	289-719-66		. BAG & TUBE ASSY	BA	1
-10BA	289-719-67		. BAG & TUBE ASSY	CA	1
-10CA	289-719-67-1		. BAG & TUBE ASSY	DA	1
-10DA	289-719-68		. BAG & TUBE ASSY	EA	1
-10EA	289-719-69		. BAG & TUBE ASSY	FA	1
-10FA	289-719-70		. BAG & TUBE ASSY	GA	1
-10GA	289-719-71		. BAG & TUBE ASSY	HA	1
-10HA	289-719-72		. BAG & TUBE ASSY	JA	1
-10JA	289-719-73		. BAG & TUBE ASSY	KA	1
-10KA	289-719-74		. BAG & TUBE ASSY	LA	1
-10LA	289-719-75		. BAG & TUBE ASSY	MA	1
-10MA	289-719-76		. BAG & TUBE ASSY	NA	1
-10NA	289-719-77		. BAG & TUBE ASSY	PA	1
-10PA	289-719-78		. BAG & TUBE ASSY	QA	1
-10QA	289-719-79		. BAG & TUBE ASSY	RA	1
-10RA	289-719-80		. BAG & TUBE ASSY	SA	1
-10SA	289-719-81		. BAG & TUBE ASSY	TA	1
-10TA	289-719-85		. BAG & TUBE ASSY	UA	1
-10UA	289-719-86		. BAG & TUBE ASSY	VA	1

- Item Not Illustrated

FIG. ITEM	PART NUMBER	AIRLINE STOCK NO.	NOMENCLATURE 1234567	EFF CODE	UNITS PER ASSY
1 15	289-282		. . CORD, CONNECTING		1
20	289-56		. . FITTING, END	Y, Z	1
20A	777-37		. . FITTING, END	TA	1
25	00-5270		. . INDICATOR, FLOW	FA	1
30	289-166-1		. . ACTUATOR, OXYGEN FLOW	QA	1
-30A	289-166-2		. . ACTUATOR, OXYGEN FLOW	RA	1
30B	289-718		. . ACTUATOR, OXYGEN FLOW	A-W, Z, GA-LA, NA	1
-30C	289-718-1		. . ACTUATOR, OXYGEN FLOW	X	1
-30D	289-718-2		. . ACTUATOR, OXYGEN FLOW	BA	1
-30E	289-718-3		. . ACTUATOR, OXYGEN FLOW	CA, PA	1
-30F	289-748		. . ACTUATOR, OXYGEN FLOW	UA	1
35	289-736		. . RING, SHUT-OFF	S, T	1
40	289-158		. LANYARD ASSY	SA	1
40A	289-165-2		. LANYARD ASSY	DA	1
-45	289-756		. HEADSTRAP ASSY		1
50	289-756-1		. . HEADSTRAP		1
55	289-639		. . TUBE, CLASP		2
60	289-716		. MASK & VALVE ASSY (SEE IPL FIG. 4 FOR DETAIL PARTS)	A-X, Z-UA	1
-60A	289-716-2		. MASK & VALVE ASSY (SEE IPL FIG. 4 FOR DETAIL PARTS)	Y	1
-60B	289-716-3		. MASK & VALVE ASSY (SEE IPL FIG. 4 FOR DETAIL PARTS)	VA	1

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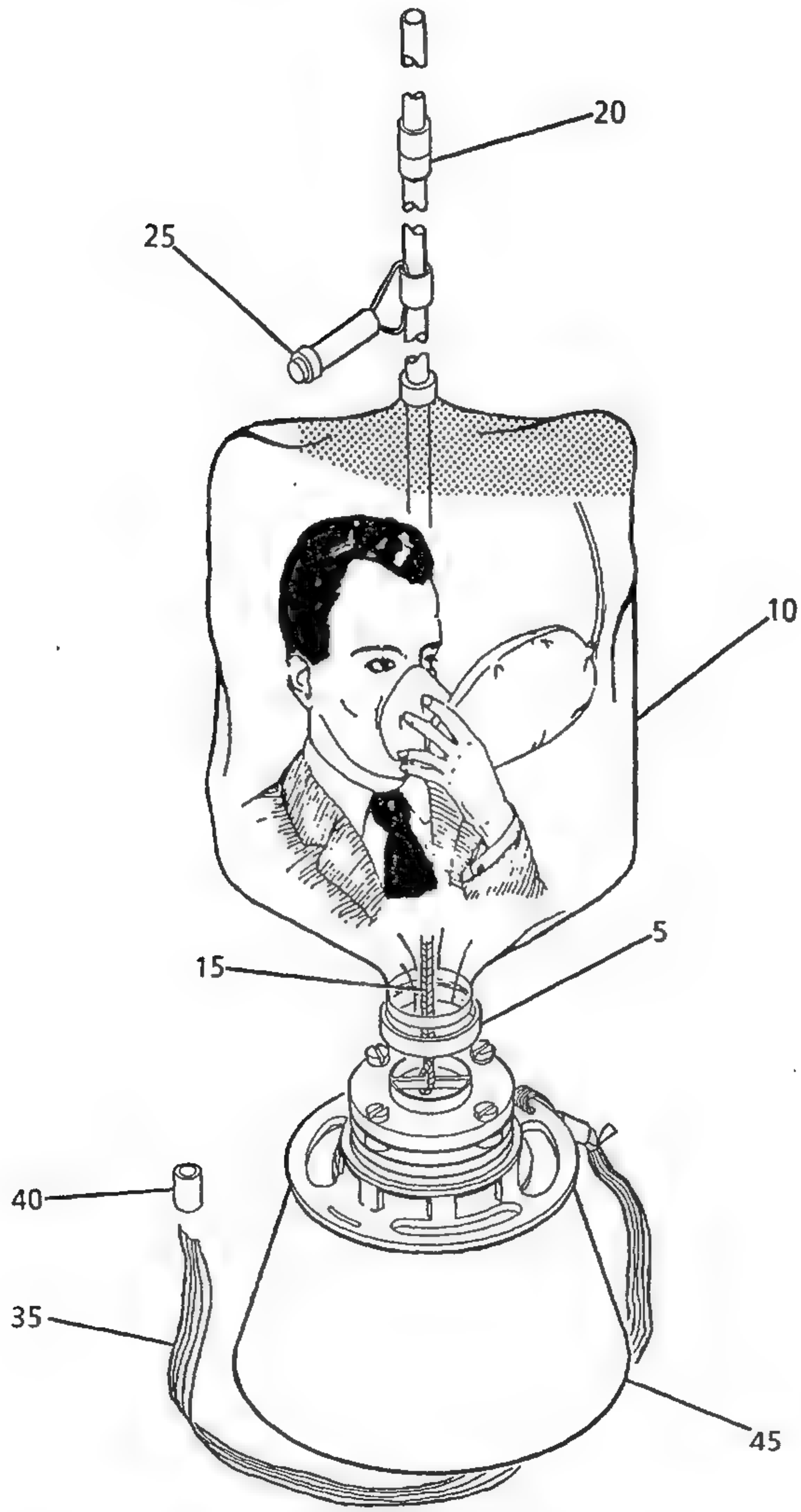

Passenger Oxygen Mask Assemblies (289-701-100 thru -105)
IPL Figure 2

FIG. ITEM	PART NUMBER	AIRLINE STOCK NO.	NOMENCLATURE 1 2 3 4 5 6 7	EFF CODE	UNITS PER ASSY
2 1	289-701-100		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-141)	A	RF
-1A	289-701-101		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-142)	B	RF
-1B	289-701-102		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-143)	C	RF
-1C	289-701-103		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-146)	D	RF
-1D	289-701-104		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-147)	E	RF
-1E	289-701-105		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-148)	F	RF
5	289-15		. RING, RETAINING		1
10	289-719-100		. BAG & TUBE ASSY	A	1
-10A	289-719-101		. BAG & TUBE ASSY	B	1
-10B	289-719-102		. BAG & TUBE ASSY	C	1
-10C	289-719-103		. BAG & TUBE ASSY	D	1
-10D	289-719-104		. BAG & TUBE ASSY	E	1
-10E	289-719-105		. BAG & TUBE ASSY	F	1
15	289-282		. . CORD, CONNECTING		1
20	8540-00		. . INDICATOR, FLOW (V53655)	A-C	1
-20A	803479-01		. . INDICATOR, FLOW (V53655)	D-F	1
25	289-718-1		. ACTUATOR, OXYGEN FLOW	A, B, D, E	1
-25A	289-718-7		. ACTUATOR, OXYGEN FLOW	C, F	1
-30	289-756		. HEADSTRAP ASSY		1
35	289-756-1		. . HEADSTRAP		1
40	289-639		. . TUBE, CLASP		2
45	289-716		. MASK & VALVE ASSY (SEE IPL FIG. 4 FOR DETAIL PARTS)		1

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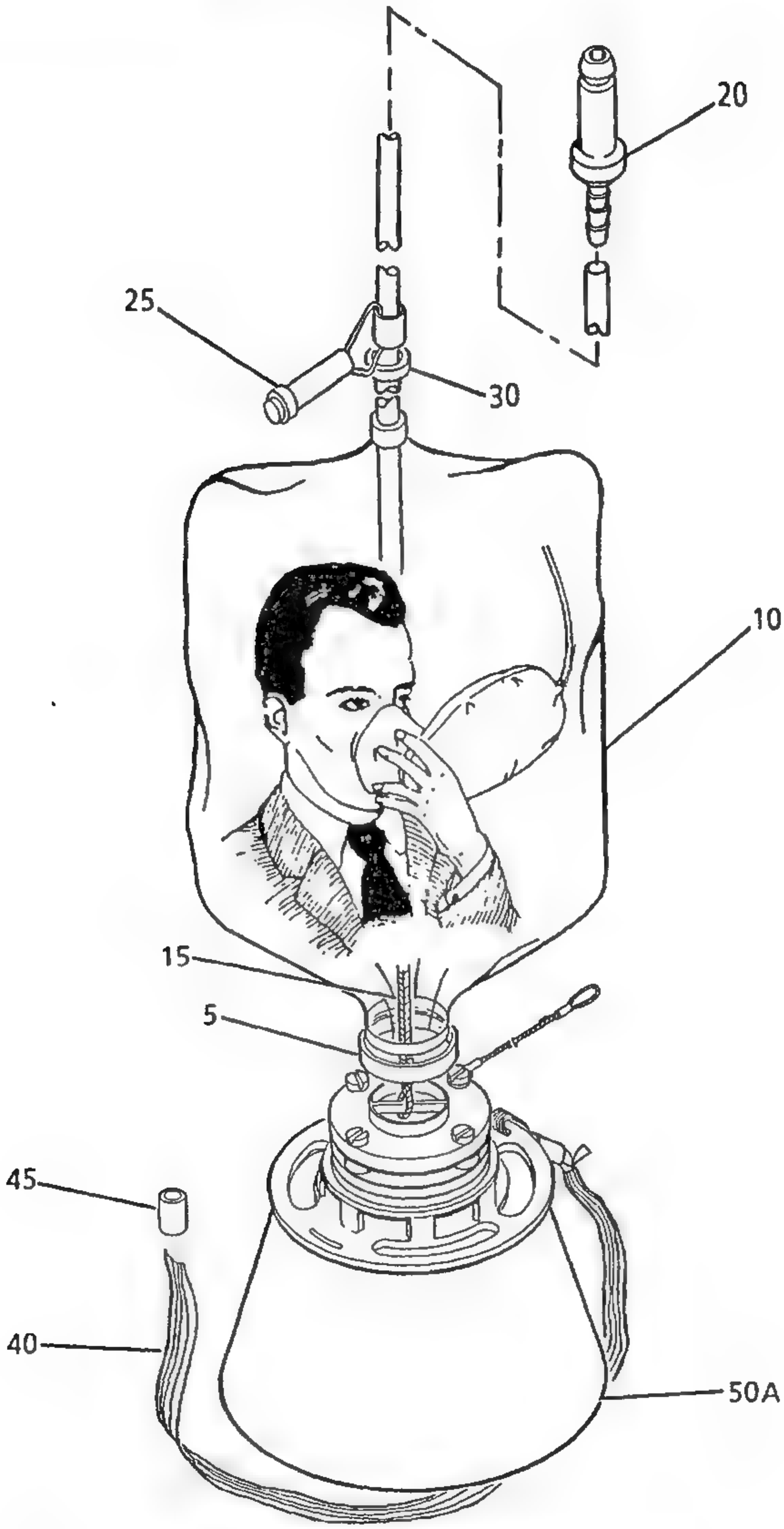


Passenger Oxygen Mask Assemblies (289-701-201 thru -261)
IPL Figure 3

FIG. ITEM	PART NUMBER	AIRLINE STOCK NO.	NOMENCLATURE 1 2 3 4 5 6 7	EFF CODE	UNITS PER ASSY
3 1	289-701-201		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-59, UAL 9F-9075)	A	RF
-1A	289-701-202		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-56)	B	RF
-1B	289-701-203		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137, UAL 9F-9075)	C	RF
-1C	289-701-204		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137)	D	RF
-1D	289-701-205		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137)	E	RF
-1E	289-701-206		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137, UAL 9F-9075)	F	RF
-1F	289-701-207		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137)	G	RF
-1G	289-701-208		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137)	H	RF
-1H	289-701-209		MASK ASSY, PASSENGER OXYGEN (BAC 10-61037-57)	J	RF
-1J	289-701-210		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-58)	K	RF
-1K	289-701-211		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137)	L	RF
-1L	289-701-212		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137)	M	RF
-1M	289-701-213		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137)	N	RF
-1N	289-701-214		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137)	P	RF
-1P	289-701-215		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-60)	Q	RF
-1Q	289-701-216		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137)	R	RF
-1R	289-701-217		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-61)	S	RF
-1S	289-701-218		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-62)	T	RF
-1T	289-701-219		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-63)	U	RF
-1U	289-701-220		MASK ASSY, PASSENGER OXYGEN (PAN AM M5161)	V	RF
-1V	289-701-221		MASK ASSY, PASSENGER OXYGEN (PAN AM M5161)	W	RF

- Item Not Illustrated

FIG. ITEM	PART NUMBER	AIRLINE STOCK NO.	NOMENCLATURE 1 2 3 4 5 6 7	EFF CODE	UNITS PER ASSY
3 -1W	289-701-222		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137)	X	RF
-1X	289-701-223		MASK ASSY, PASSENGER OXYGEN (KSS)	Y	RF
-1Y	289-701-224		MASK ASSY, PASSENGER OXYGEN (AMERICAN)	Z	RF
-1Z	289-701-226		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137)	BA	RF
-1BA	289-701-227		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137)	CA	RF
-1CA	289-701-228		MASK ASSY, PASSENGER OXYGEN (NORTHWESTERN)	DA	RF
-1DA	289-701-229		MASK ASSY, PASSENGER OXYGEN (EASTERN)	EA	RF
-1EA	289-701-230		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-64)	FA	RF
-1FA	289-701-231		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-65)	GA	RF
-1GA	289-701-232		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-66)	HA	RF
-1HA	289-701-233		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-67)	JA	RF
-1JA	289-701-233-1		MASK ASSY, PASSENGER OXYGEN	KA	RF
-1KA	289-701-234		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-68)	LA	RF
-1LA	NOT USED				
-1MA	289-701-236		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-69)	NA	RF
-1NA	289-701-241		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-71)	PA	RF
-1PA	289-701-242		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-72)	QA	RF
-1QA	289-701-243		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-73)	RA	RF
-1RA	289-701-244		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-74)	SA	RF
-1SA	289-701-245		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-166)	TA	RF
-1TA	289-701-246		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-167)	UA	RF
-1UA	289-701-247		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-168)	VA	RF

- Item Not Illustrated

FIG. ITEM	PART NUMBER	AIRLINE STOCK NO.	NOMENCLATURE 1 2 3 4 5 6 7	EFF CODE	UNITS PER ASSY
3 -1VA	289-701-248		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-169)	WA	RF
-1WA	289-701-249		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-170)	XA	RF
-1XA	289-701-250		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-171)	YA	RF
-1YA	289-701-251		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-172)	ZA	RF
-1ZA	289-701-252		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-173)	CB	RF
-1CB	289-701-253		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-174)	DB	RF
-1DB	289-701-254		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-175)	EB	RF
-1EB	289-701-255		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-176)	FB	RF
-1FB	289-701-256		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-177)	GB	RF
-1GB	289-701-257		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-178)	HB	RF
-1HB	289-701-258		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-179)	JB	RF
-1JB	289-701-259		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-180)	KB	RF
-1KB	289-701-260		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-181)	LB	RF
-1LB	289-701-261		MASK ASSY, PASSENGER OXYGEN (BAC 10-60137-182)	MB	RF
5	289-15		. RING, RETAINING		1
10	289-719-201		. BAG & TUBE ASSY	A	1
-10A	289-719-202		. BAG & TUBE ASSY	B	1
-10B	289-719-203		. BAG & TUBE ASSY	C	1
-10C	289-719-204		. BAG & TUBE ASSY	D	1
-10D	289-719-205		. BAG & TUBE ASSY	E	1
-10E	289-719-206		. BAG & TUBE ASSY	F	1
-10F	289-719-207		. BAG & TUBE ASSY	G	1
-10G	289-719-208		. BAG & TUBE ASSY	H	1
-10H	289-719-209		. BAG & TUBE ASSY	J	1
-10J	289-719-210		. BAG & TUBE ASSY	K	1
-10K	289-719-211		. BAG & TUBE ASSY	L	1
-10L	289-719-212		. BAG & TUBE ASSY	M	1
-10M	289-719-213		. BAG & TUBE ASSY	N	1

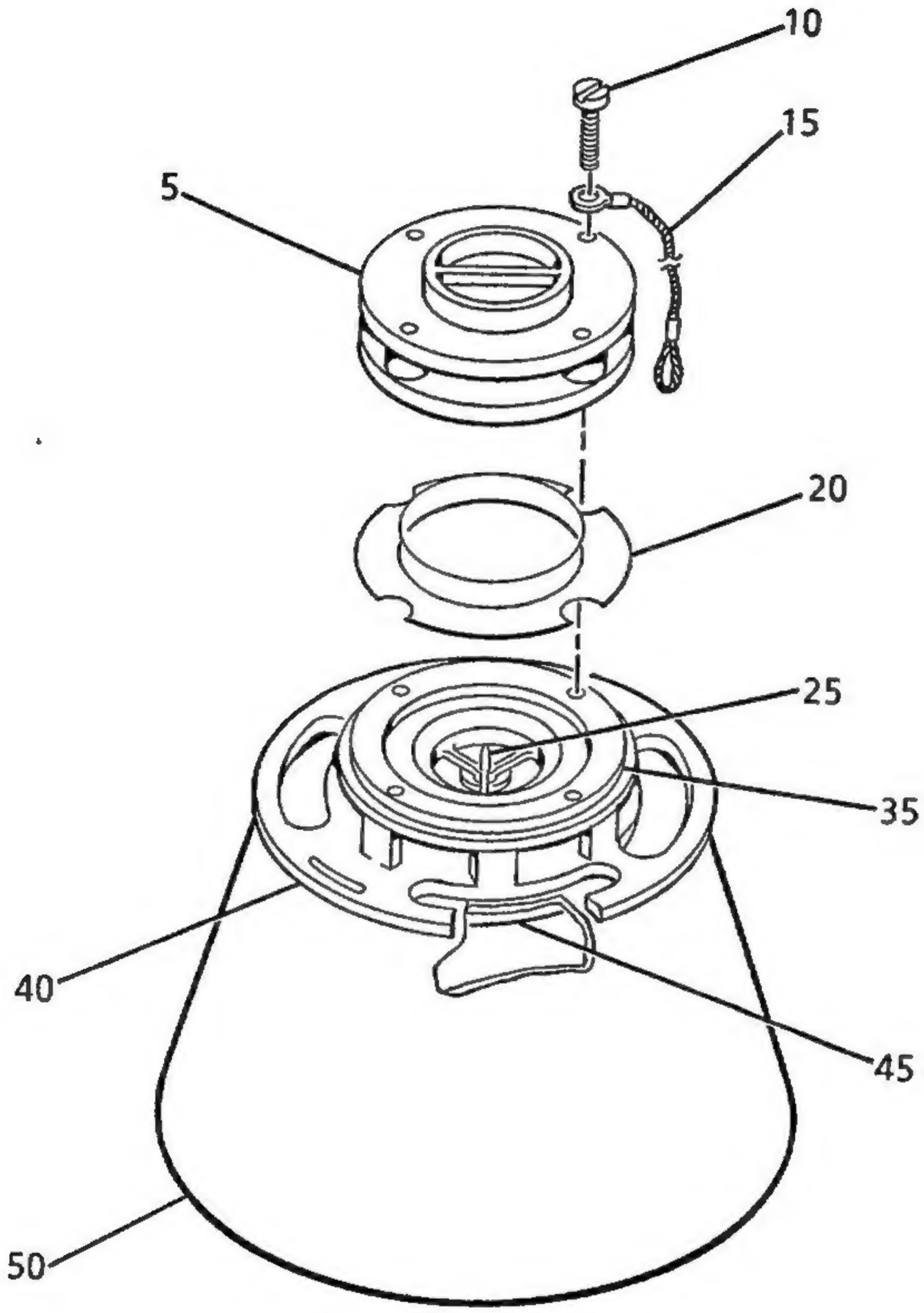
- Item Not Illustrated

FIG. ITEM	PART NUMBER	AIRLINE STOCK NO.	NOMENCLATURE 1 2 3 4 5 6 7	EFF CODE	UNITS PER ASSY
3 -10N	289-719-214		. BAG & TUBE ASSY	P	1
-10P	289-719-215		. BAG & TUBE ASSY	Q	1
-10Q	289-719-216		. BAG & TUBE ASSY	R	1
-10R	289-719-217		. BAG & TUBE ASSY	S	1
-10S	289-719-218		. BAG & TUBE ASSY	T	1
-10T	289-719-219		. BAG & TUBE ASSY	U	1
-10U	289-719-220		. BAG & TUBE ASSY	V	1
-10V	289-719-221		. BAG & TUBE ASSY	W	1
-10W	289-719-222		. BAG & TUBE ASSY	X	1
-10X	289-719-223		. BAG & TUBE ASSY	Y	1
-10Y	289-719-224		. BAG & TUBE ASSY	Z	1
-10Z	289-719-226		. BAG & TUBE ASSY	BA	1
-10BA	289-719-227		. BAG & TUBE ASSY	CA	1
-10CA	289-719-228		. BAG & TUBE ASSY	DA	1
-10DA	289-719-229		. BAG & TUBE ASSY	EA	1
-10EA	289-719-230		. BAG & TUBE ASSY	FA	1
-10FA	289-719-231		. BAG & TUBE ASSY	GA	1
-10GA	289-719-232		. BAG & TUBE ASSY	HA	1
-10HA	289-719-233		. BAG & TUBE ASSY	JA	1
-10JA	289-719-233-1		. BAG & TUBE ASSY	KA	1
-10KA	289-719-234		. BAG & TUBE ASSY	LA	1
-10LA	NOT USED				
-10MA	289-719-236		. BAG & TUBE ASSY	NA	1
-10NA	289-719-241		. BAG & TUBE ASSY	PA	1
-10PA	289-719-242		. BAG & TUBE ASSY	QA	1
-10QA	289-719-243		. BAG & TUBE ASSY	RA	1
-10RA	289-719-244		. BAG & TUBE ASSY	SA	1
-10SA	289-719-245		. BAG & TUBE ASSY	TA	1
-10TA	289-719-246		. BAG & TUBE ASSY	UA	1
-10UA	289-719-247		. BAG & TUBE ASSY	VA	1
-10VA	289-719-248		. BAG & TUBE ASSY	WA	1
-10WA	289-719-249		. BAG & TUBE ASSY	XA	1
-10XA	289-719-250		. BAG & TUBE ASSY	YA	1
-10YA	289-719-251		. BAG & TUBE ASSY	ZA	1
-10ZA	289-719-252		. BAG & TUBE ASSY	CB	1
-10CB	289-719-253		. BAG & TUBE ASSY	DB	1
-10DB	289-719-254		. BAG & TUBE ASSY	EB	1
-10EB	289-719-255		. BAG & TUBE ASSY	FB	1
-10FB	289-719-256		. BAG & TUBE ASSY	GB	1
-10GB	289-719-257		. BAG & TUBE ASSY	HB	1
-10HB	289-719-258		. BAG & TUBE ASSY	JB	1
-10JB	289-719-259		. BAG & TUBE ASSY	KB	1
-10KB	289-719-260		. BAG & TUBE ASSY	LB	1
-10LB	289-719-261		. BAG & TUBE ASSY	MB	1

- Item Not Illustrated

FIG. ITEM	PART NUMBER	AIRLINE STOCK NO.	NOMENCLATURE 1 2 3 4 5 6 7	EFF CODE	UNITS PER ASSY
3 15	289-641-2		. . CORD, CONNECTING		1
20	289-56		. . FITTING, END	Y	1
25	289-718		. . ACTUATOR, OXYGEN FLOW	A-W, Z, BA, FA, SA	1
-25A	289-718-1		. . ACTUATOR, OXYGEN FLOW	X	1
-25B	289-718-3		. . ACTUATOR, OXYGEN FLOW	CA	1
-25C	289-718-8		. . ACTUATOR, OXYGEN FLOW	TA-MB	1
-25D	60B50349-26		. . ACTUATOR, OXYGEN FLOW	TA-MB	1
30	289-736		. . RING, SHUT-OFF	T	1
-35	289-756		. HEADSTRAP ASSY		1
40	289-756-1		. .. HEADSTRAP		2
45	289-639		. . TUBE, CLASP		1
-50	289-716		. MASK & VALVE ASSY (SEE IPL FIG. 4 FOR DETAIL PARTS)	A-X, Z- MB	1
50A	289-716-2		. MASK & VALVE ASSY (SEE IPL FIG. 4 FOR DETAIL PARTS)	Y	1

- Item Not Illustrated



Mask & Valve Assembly
IPL Figure 4

FIG. ITEM	PART NUMBER	AIRLINE STOCK NO.	NOMENCLATURE 1 2 3 4 5 6 7	EFF CODE	UNITS PER ASSY
4 1	289-716		MASK & VALVE ASSY (SEE IPL FIGS. 1, 2 AND 3 FOR NHA)	A	RF
-1A	289-716-2		MASK & VALVE ASSY (SEE IPL FIGS. 1 AND 3 FOR NHA)	B	RF
-1B	289-716-3		MASK & VALVE ASSY (SEE IPL FIG. 1 FOR NHA)	C	RF
5	289-705		. BASE, INHALATION		1
			ATTACHING PARTS		
10	00-2983		. SCREW, FILLISTER HEAD 2-56NC X 3/8 LG		4
			* * *		
15	289-115		. LANYARD ASSY	B	1
-15A	289-115-1		. LANYARD ASSY	C	1
20	289-37-1		. RING, INLET-CHECK		1
25	289-35		. FLAPPER, INHALATION		1
-30	289-704		. FLAPPER, EXHALATION		1
35	289-710		. BODY, VALVE HOLDER (SONICALLY WELDED TO ITEM 40) (ORDER NHA)		1
40	289-712		. PORT, EXHALATION (SONICALLY WELDED TO ITEMS 35 AND 45) (ORDER NHA)		1
45	289-706		. RING, BACK-UP (SONICALLY WELDED TO ITEM 40) (ORDER NHA)		1
50	289-703		. FACEPIECE (ORDER NHA)		1

- Item Not Illustrated